

Practical Measuring

Made Easy

To the Meanest Capacity,

By

A New SET of TABLES;

Which shew at SIGHT,

The *Solid* or *Superficial* Content (and consequently the Value) of any *Piece* or *Quantity* of Timber, Stone, Board, Glass, &c. used in Building, &c.

Also,

The *Solid* Content (and consequently the Value) of all Kinds of *Squared* or *Round* Timber, whether it be *Standing* or *Felled*.

Contrived to answer all the Occasions of *Gentlemen* and *Artificers*, far beyond any Thing yet extant, the Contents being given in *Feet*, *Inches*, and *Twelfth Parts* of an Inch.

With a *Preface*;

Shewing the *Convenience* and *Excellence* of this *New Method*, and *Demonstrating*, that whoever ventures to rely upon those *obsolete* Tables and Directions Published by *Isaac Keay*, is liable to be deceived (*in common Cases*) 10 s. in the Pound.

By E. HOPPUS,

Surveyor to the Corporation of the London Assurance.

THE FOURTH EDITION;

Greatly improved by the Addition of *New* Tables shewing by Inspection the VALUE of *Timber*, *Stone*, &c. *per Foot Cube*.

Also, The Application of the Table of *Solid Measure* to the Freight of SHIPS.

Also,

Some *very curious* Observations concerning the Measuring of Timber by SEVERAL DIMENSIONS, communicated

By one of His Majesty's PURVEYORS.

L O N D O N:

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Be careful to observe,

[Mr. *Hoppus* being dead.]

☞ That no COPY of this
FOURTH Impression of *Practical Measuring*, &c. is warrant-
ed to be correct, or is to be
depended upon, unless I have
subscribed *my Name* to this De-
claration upon the Back of the
Title-Page.

Ed Dicksteed

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11. 10 — 7. 6

8. 9 — 4. 6

9. 10 1/2 6. 6

12. 11 10. 0



5. 9 1/2 3. 0

8. 7 — 2. 6

Mr. Hoppus's Measurer

Greatly Enlarged

And

Improved.



34. 0

17. 0

24 feet of 5. 1 0
To Mr. Pageant 1/6 Part

The TESTIMONIALS of several
ingenious Gentlemen, in Favour of
this Work.

I. **T**HE *Content* exhibited by the
Girt is the *most just*, giving near
a *Medium* in *Content* or *Quantity* be-
tween the *Extreams* of *Measuring* by
the *Geometrical Way*, and by the *Square*
within (both which *Ways* are in *some*
Cases, liable to *Objection*) and is cer-
tainly the *most equitable Way* of *Measu-*
ring, between the *Buyer* and *Seller*; and
therefore *TABLES* were, with *just Rea-*
son, more particularly adapted, and the
RULES given for *that Way* of *Menfu-*
ration, which hath obtained to be a
reasonable and *customary Method*.

E. HATTON.

II. **T**HERE hath been great Pains
taken by several Authors upon
this Subject endeavouring to set aside
this *customary Way* of *measuring*, but
since a *CUSTOMARY PRICE* is settled
accordingly, it is but a *vain* and *fruit-*
less Attempt; because if *the one* is al-
tered, *the other* must be altered also;
which comes to the same Thing.

EDWARD LAURENCE,
Land-Surveyor.

III. **T**O make a Buffle about an
absolute Exactness in *Tables* of
this Kind is *Idle*, and can argue no great
Sagacity: For to pretend to *refine* upon
these Things which are of a *PRACTI-*
CAL Nature, to any Degree beyond
what is ever likely to be admitted into
PRACTICE, is not only an Argument
of great *Vanity*, or *little Judgment*, but
discovers a stronger Inclination to *amuse*
Mankind, than to do them any *real*
Service.

CHARLES LEADBETTER,
Teacher of the Mathematics, London.

I. See his *Vindication* of *Measuring* by the *Girt*.

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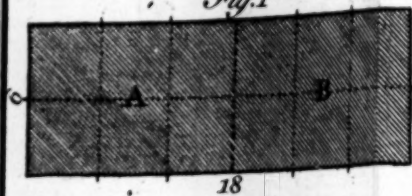
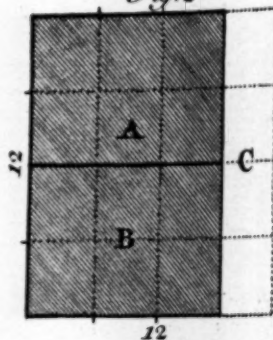


Fig. 2



Example II. Page XIV

Fig. 1



Fig. 2

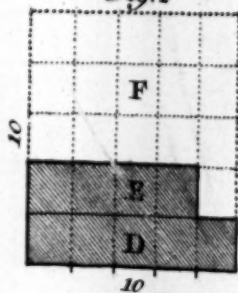
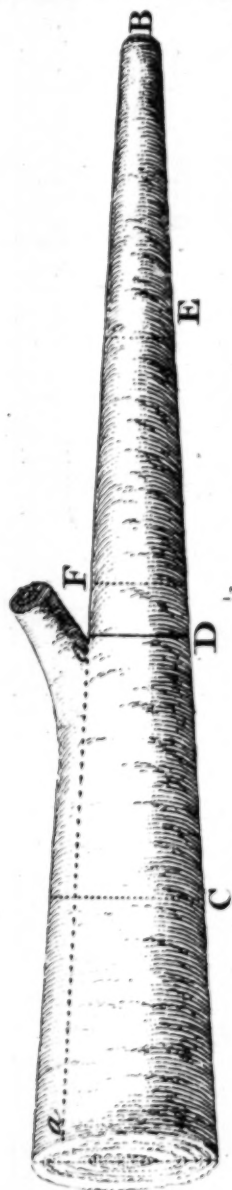


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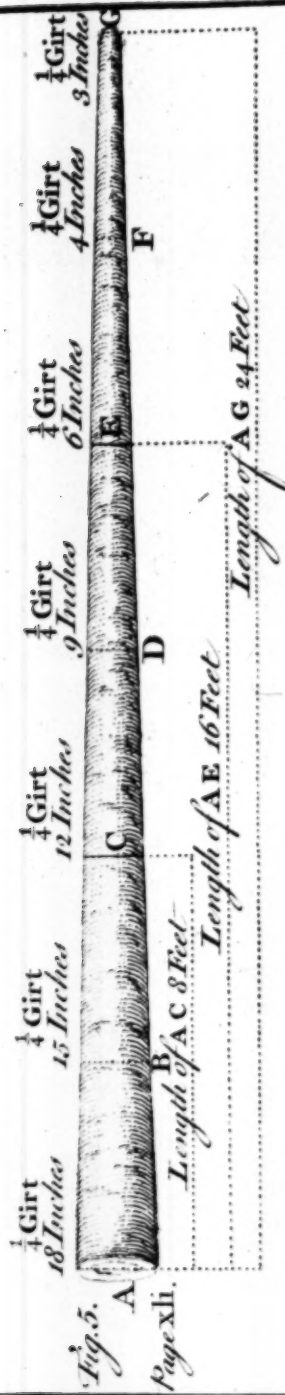


Fig. 5. Measured by 3 Dimensions.

$$\begin{array}{l}
 \text{The Piece } \left\{ \begin{array}{l} \text{(AC)} \\ \text{(CE)} \\ \text{(EG)} \end{array} \right\} \text{ measured Singly makes } \left\{ \begin{array}{l} 12\frac{1}{2} \\ 4\frac{1}{2} \\ 1\frac{1}{2} \end{array} \right\} \text{ Solid Feet} \\
 \text{The Total } \left\{ \begin{array}{l} \text{as 3 Pieces} \\ \text{as 1 Piece} \end{array} \right\} \dots \dots \dots \left\{ \begin{array}{l} 18 \\ 13\frac{1}{2} \\ 4\frac{1}{2} \end{array} \right\} \\
 \text{Gained by 3 Dimensions} \dots \dots \dots 4\frac{1}{2}
 \end{array}$$

The Part C.G. by 2 Dimensions.

$$\begin{array}{l}
 \text{The Piece } \left\{ \begin{array}{l} \text{(CE)} \\ \text{(EG)} \end{array} \right\} \text{ measured Singly makes } \left\{ \begin{array}{l} 4\frac{1}{2} \\ 1\frac{1}{2} \end{array} \right\} \text{ Solid Feet} \\
 \text{The Total } \left\{ \begin{array}{l} \text{as 2 Pieces} \\ \text{as 1 Piece} \end{array} \right\} \dots \dots \dots \left\{ \begin{array}{l} 5\frac{1}{2} \\ 4 \\ 1\frac{1}{2} \end{array} \right\} \\
 \text{Gained by 2 Dimensions} \dots \dots \dots 1\frac{1}{2}
 \end{array}$$

Leg 14 T. 2 13 8 2
 13. 9 1/2 8 6
 10. 13 11. 8
 13. 9 1/2 8. 1
 36. 6 2 1/2 2 3/4
 73

P R E F A C E.

TO those who are unacquainted with the *intolerable Blunders* and *numerous Imperfections*, with which *other Tables*, already extant, for the measuring of *Timber, Stone, &c.* do abound; to such, I say, it may seem unnecessary, at this Juncture, to trouble the World with any *new Calculations* upon this Subject: Yet upon an impartial Examination of what has been published upon this Head, it will appear, that it has hitherto been the Fate of those Writers either to have been very *indolent*, or *very ignorant*, or, what is still worse, *very dishonest*.

DARLING'S *Carpenter's Rule made easy*, and KEAY'S *Practical Measurer*, are the Books got into the Hands of most *Buyers* and *Sellers* of *Timber, Stone, &c.* and have been too long already *implicitly* relied upon; especially the *last*, as will appear from the following Observations.

I. In *Darling*, it's true, you have a Table for finding the *true Square* of *unequal-sided Timber*; but then it's so far from being *generally useful*, that if you have any Occasion to look for the *Square* of 2 Inches by 5 Inches, $2\frac{1}{2}$ by $7\frac{1}{2}$, $3\frac{1}{2}$ by $11\frac{1}{2}$, $5\frac{1}{2}$ by $17\frac{1}{2}$, &c. they are no where to be found; notwithstanding these Dimensions

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are frequently wanted for the measuring of *Joists, Bond Timbers, Lintelling*, and several other Sorts of *Timber*, as well as for *Stone, &c.* used in Building. And then *Darling* having extended his Table of *the Square of unequal-sided Timber* no farther than to double the *lesser Side*, and beginning with 2 and ending with 36 Inches; this has render'd them very *defective*, and consequently of *little Use*. Whereas these *new Tables*, from 2 as far as 9, run to 18 Inches the *other-side*, and are extended to 54 Inches the *largest-side*, equal to the Extent of the Table of *solid Measure*, to which they relate. And besides all this, the Table he exhibits for the ready finding the *Contents* of *equal-sided Timber* is so very short, that *Darling* in this Respect is more *defective* than even *Keay* himself.

II. In *Keay* you have no Table at all for the measuring of *unequal-sided Timber, Stone, &c.* but thro' the *Ignorance or Dishonesty* of the Author, * an *erroneous Rule* is laid down, viz.

“ *Add*

* If *I. K.* did really believe that the *Contents* of *unequal-sided Timber* could be found by his Tables, observing the *RULE* he gives in the last Page of the *Explanation* of his Table of *solid Measure*, it is very plain from the following Examples, that he *exceeded in Ignorance*.

And if on the other Hand it can be supposed he was aware that *his Tables and Directions* would not answer their End, it is undeniable, that he has treated the Publick with *great Disingenuity*, by taking upon himself to insinuate the Contrary.

*"Add the two Sides together,
"and take the Half thereof for the
"true Square, or take a Fourth
"of the Girt, or Four Sides."*

Now this Rule, which he lays down for your Guide, is so far from Truth, that a greater Fallacy could hardly be asserted.

EXAMPLE L

[See the Copper Plate Facing page xi.]

Let Fig. 1. (mark'd A B) represent the End of a Piece of Timber or Stone, so unequal-sided as 18 Inches Broad, and but 6 Inches Thick.

Now to find the true Square of this Piece, Keay directs you to add together the two Sides, viz. 18 and 6, which make 24 Inches, and if you take Half of that Number, viz. 12, says he, you have the true Square; whereas by these new Tables, and in Fact, it is not quite 10 Inches $\frac{1}{2}$.

DEMONSTRATION.

Let Fig. 2. represent a Square of 12 Inches each Side, then divide Fig. 1. (by the strongest dotted Line) into two equal Parts, and take that Part marked B, and place it in Fig. 2. then take the other Part marked A, and place it in Fig. 2. likewise; and when this is done there will plainly appear to be wanting all the dotted Part C, which is no less than one Fourth of the whole Square; and consequently

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quently the Buyer, if he relies upon the Advice of the judicious Mr. Keay, he certainly pays for one Fourth more Timber than in reality he has, or ought to pay for.

But this Mistake of 5s. in the Pound, you shall see, is only one of Mr. Keay's Peccadillos.

E X A M P L E II.

[See the Copper Plate Facing page xi.]

Let Fig. 1. (marked DE) represent the End of a Piece of Timber so unequal-sided as 18 Inches broad, and but 2 Inches thick.

Now if you rely upon Keay, and add together the two Sides 18 and 2, it makes 20 Inches, Half of which, says he, is the true Square, viz. 10 Inches; whereas by my Tables, and in Truth, the true Square is but 6 Inches.

D E M O N S T R A T I O N.

Let Fig. 2. represent a Square of 10 Inches each Side; then divide Fig. 1. (by the strongest dotted Line) and take that Part marked D and place it in Fig. 2; then take the other Part marked E, and place it in Fig. 2. likewise; and when this is done, there will plainly appear to be wanting all the dotted Part F, which is near two Thirds of the whole Square, and consequently the Buyer, when in Fact he ought to pay but 7s. 2d. $\frac{3}{8}$, if he's guided by Keay, he must pay 20s. which

The PREFACE. xv

which is 12s. 9d. $\frac{5}{8}$ in every 20s.
in his own wrong.*†

| | s. | d. |
|--------------------------------|----|-----------------|
| * Should be paid | 07 | 2 $\frac{3}{8}$ |
| K. advises you to pay too much | 12 | 9 $\frac{5}{8}$ |
| | 20 | 0 |

† But, perhaps, the above Manner of Demonstration, which is *Geometrical*, may not appear clear and satisfactory to all, and therefore I shall demonstrate the *Fallacies* of Keay's Rule *Arithmetically*.

DEMONSTRATION.

Suppose you have a Piece of Timber, each Side whereof is 12 Inches (or a Foot Square) these multiplied into each other (viz. 12 by 12) make 144 (the Inches in a superficial Foot;) but should the Sides vary, or become unequal, ever so little from this Size, there will be a Fallacy in the above-mentioned Rule.

For, was one Side 13 Inches, and the other 11, these added together, the Half will still be 12 for the true Square.

But if multiplied together (as they always ought to be, and are in the Calculation of these New Tables) it will be but 143. So that here is One superficial Inch too much in every Foot of Length, be there ever so many.

AGAIN,

If one Side is 16 Inches, and the other 8 Inches, these added together, the Half is also 12, for the true Square; but multiplied, it is only 128; so that in this Case, whoever has any Thing to do with Keay's Rule and Tables, will certainly pay for 16 superficial Inches too much in each Foot in Length, be there ever so many.

Let us now re-consider Example I. and II. *Arithmetically*.

In Example I. 18 multiplied by 6 is but 108, and, consequently, Keay's Rule, which makes it 144, is exceeding false, that being 36 superficial Inches too much in every Foot in Length, be there ever so many; or one Fourth, as was before demonstrated.

In

From these *Demonstrations* it is plain, that no Man ought to assume the Character of an Author, and *publickly* to take upon himself to determine in the Business of MEUM and TUUM before he is well assured of his own Abilities for such an Undertaking, and is resolved to make some *Conscience* of what he publishes: If a due Regard had always been had to this Consideration, we should never have met with any *Formal Pretender*, presuming to teach others those Things, which it is evident *he did not understand himself*.

I should scorn to make these Observations at all for the Sake of Disparaging the Performances of others, or to build myself a Reputation on their Ruins; but I think myself obliged to acquaint the Publick with the plain Truth of Things without Favour or Affection; and I am satisfied, if this Conduct were oftener practis'd, both the Time and Expence of gaining useful Knowledge would be much shortened; and whoever endeavours to promote

In Example II. where the *different* Sides are 18 and 2, these *added* make 20, whose *Half* is 10, which being *multiplied* by itself (*viz.* 10 by 10) is 100; whereas the Sides *multiplied* together make but 36, and consequently, if you have any Thing to do with *Keay's Rule and Tables*, you certainly pay for 64 *Superficial* Inches in every 100 Inches more than you have, which is above 12 s. 9d. in every 20 s. more than ought to be paid, as was before *Geometrically demonstrated*.

that,

that, let the Returns he meets with be what they will, he certainly lays the Publick under the greatest Obligations.

By this Time, it is to be presumed, no Man can doubt the Publick to be in want of a new Set of Tables for measuring all sorts of Timber, Stone, Boards, &c. and these I here present them with, by giving the Contents in Feet, Inches, and 12th Parts of an Inch, which is the most natural Method, and best adapted to ordinary Capacities, (for whose sake these Tables were principally intended.) I say, the Method of these Tables (since it comes near enough the Truth, and can be at Sight conceived) is vastly preferable to the 10000 Parts of a Foot, made use of by Darling; or the more unintelligible 432 Parts of a Quarter of a Foot, made use of by Keay.

The Table of Superficial or Flat Measure is new, and is extended to 24 Inches the Breadth (which is double the Breadth of Keay's) and is calculated to the Exactness of a Quarter of an Inch; which renders it very useful to Glaziers, and others, who Measure flat Work to the greatest Exactness, which Keay's Table of Flat Measure does not, by Reason he has omitted the Quarters.


From a Sense of the fatal Consequences that Mistakes in Printing must occasion, in Works of this Nature, I have been cautious

xviii. *The* PREFACE.

tious in examining each Number throughout the Book, so that I have Reason to believe they are *all exact*; and therefore, both the *Buyer* and *Seller* may depend upon meeting with *mutual Justice* from these Tables; which, it's plain, from what has been said above, they are not to expect from *Keay's*, where the *Press-Errors* are gross, and numerous.

I believe no Body can doubt these Tables to be as extensive as was consistent with my Design of making them a *cheap Pocket-Companion*; and if the Publick does but reap the Advantage from them, which I intended they should, it will be ample Satisfaction to me, and I think they can have no Reason to complain. *

E. H.

[ *The new TABLES shewing the VALUE of Timber, Stone, &c. (cut to any Size or Scantling) per Foot-Cube, added to this FOURTH Edition, we dare say, will be found so very Useful to all who are concerned in Building, that we need not think of making any Apology for inserting them.*]

* POSTSCRIPT.

The List of the *present Prices* of *Locks, Bolts, Hinges, Nails, &c.* in the APPENDIX, is *intirely new*, and full of such Intelligence, as must afford all those, who desire to be *good Husbands* in the Affair of Building, much Satisfaction;

on; and therefore, I am persuaded it will be well received by those who consult it.

The Prices I have set down are such as they are *now* sold at by the *wholesale* Smiths and Ironmongers, either to *Workmen* or *Gentlemen*, who take them in *such Quantities* as I have set them down (*viz.* some *single* and some in *Dozens*, &c.) for those *Retailers* or *Shop-keepers*, who buy them of these large Dealers, to sell again, have them for less than I have set down, *viz.* at the *Retailer's Price*.

I have some Times heard inconsiderate People, as well as those whose Interest it is that the *real* Value of these Sorts of Goods should remain a Secret; object against the publishing any Thing of this Kind; because every one has not an Opportunity of applying always to the *wholesale* Ironmongers and Smiths for what they want, but are forced to take what they have Occasion for from the *Retailer* in the *Country*, at his Price, and of which, say they, you have not taken the least Notice. In answer to this, let such People take the following Considerations.

I. That it is impossible, in the Nature of the Thing, there could be any *one* Book of Rates for these Goods which would hold *equally* in all Parts of the Kingdom alike.

II. That many of the *Country Retailers* are very Arbitrary, and will not at all be satisfied with a *moderate Profit*, which the *wholesale* Dealers must; for he who is not, can have little or no Business; and tho' the *Gentlemen* and *Workmen* are not always well acquainted with the Value of these Goods, yet the *Retailers* always are, and, knowing the different *wholesale* Dealers, will always go to one who uses them best.

III. For these Reasons (in which I have been confirmed by the Advice of several skilful and intelligent Workmen) I have chose to set down those Prices only which the *wholesale* Dealers take of *Gentlemen* and *Workmen*; because from these it is *easier* and *safest* both for the *Gentleman*, and *Workman*, to draw more advantageous and beneficial Conclusions, than from any other Prices whatsoever.

THE
EXPLANATION
AND
U S E

Of the following

T A B L E

OF THE

Square of *unequal-sided*
TIMBER, STONE, &c.

BEfore I proceed to *explain*, and shew *the Use*, of the Table of *solid Measure*, it is necessary that I should *explain*, and shew the *Use*, of the Table of the *Square of unequal-sided Timber*, whereby any Piece of Timber, Stone, &c. being *broader one Way* than the *other*, we may find the *Side of the Square* equal thereto.

I. At the *Beginning* of this Table, betwixt *two parallel Lines*, stands *two Inches Square*, which two Inches is the *Thicknes*, or *lesser Side*, of the *End* of a Piece of Timber that you would find the *Square* of; and under the said *parallel Lines* are *three Rows* or *Columns* of *Figures*: in that Column to the *left Hand*, divided from the *other two* by a black Line, is the *Breadth* or *larger Side* of the Piece to be measured.

Now

The Use of the Table of, &c. xxi

Note, The little Figures of 2, which, in the said left Hand Column, stand between 2, 3, 4, 5, &c. signify two Quarters or Half an Inch.

II. The *second* and *third* Row of Figures shew the *Square* of the Piece in *Inches*, and *Quarters of an Inch*, answering to every *Inch* and *Half Inch* of *Breadth* in the *left Hand Column*.

To find the Square of unequal-sided Timber.

EXAMPLE I.

Suppose you have a Piece of Timber or Stone, the End of which is 3 Inches Thick, and 7 Inches Broad, and want to know the Square Side of it:

Look in the Table for 3 Inches, the *Thickness* (or *lesser Side*) betwixt the *parallel Lines*, keeping your Eye down the *left Hand Column* till you come to 7, and over against that, in the 2d and 3d Row, you'll find 4: 2, which signifies, 4 Inches 2 Quarters, or Half an Inch, and that is the *Square Side* of a Piece of Timber or Stone, equal to 3 Inches Thick and 7 Inches Broad.

EXAMPLE II.

If you have a Piece of Timber or Stone, the End of which is 4 Inches and an Half Thick, and 11 Inches and an Half Broad, and would know what is the Square of it:

Look for $4\frac{1}{2}$, the *Thickness* (or *lesser Side*) betwixt the *parallel Lines*,

xxii *The Use of the Table of*

Lines, keeping your Eye down the *left Hand Column*, and betwixt 11 and 12 is a *small Figure* of 2, which signifies *Half an Inch*, and consequently stands for $11 \frac{1}{2}$ (the *Breadth*) and over against that, in the 2d and 3d Row, you'll find 7: 1, which is 7 Inches and 1 Quarter, and that is the *Square Side* of a Piece of Timber or Stone, equal to 4 Inches $\frac{1}{2}$ thick and $11 \frac{1}{2}$ broad.

EXAMPLE III.

Let there be a Piece of Timber whose Thickness at the End is 29 Inches and $\frac{1}{2}$, and the Breadth 34 Inches, the Square Side of which will be found in the Table to be 31 Inches and 3 Quarters.

✍ If any one should object that the Quarters of an Inch are not considered in this Table of *unequal-sided Timber*; to such it may appear (from an Example or two) that to have taken notice of the Quarters in the Table, would have been unnecessary; because there is no Square Side to be found nearer than what I have calculated.

EXAMPLE IV.

If you have the End of a Piece of Timber 5 Inches and $\frac{3}{4}$ Thick, and 7 Inches and $\frac{1}{4}$ Broad.

In this Case, take the Quarter from the largest Side, and add it to the smallest Side, and then it will be 7 Inches broad by 6 Inches thick.

Then look in the Table for 6, betwixt the *parallel Lines*, and over against 7, in the *left Hand Co-*

Unequal-Sided Timber. xxiii

Column you'll find 6: 2, which is 6 Inches and an Half the true Square.

EXAMPLE V.

If you have the End of a Piece of Timber 15 Inches $\frac{3}{4}$ Thick, and 19 Inches $\frac{1}{4}$ Broad:

Call it 16 by 19, whose square Side in the Table is 17: 2, or 17 Inches and an Half.

N. B. But if a Quarter of an Inch happens to one Side only, you may reject it without any material Loss. For the above Method will be sufficiently near in all Cases, provided you remember to take the Quarter from the largest Side, and add it to the lesser Side. But lest any one should entertain a Prejudice against this Table, by reason the Quarters are omitted, let him take the following.

EXAMPLE VI.

Let there be a Piece of Timber so unequal-sided as 17 Inches $\frac{1}{4}$ Broad, and but 3 Inches $\frac{1}{4}$ Thick.

By the above Rule call it 3 $\frac{1}{2}$, by 17, the Square Side of which, by the Table, is 7: 3, or 7 Inches $\frac{3}{4}$; take it likewise the contrary Way, and call it 3 by 17 $\frac{1}{2}$, and the Square Side by the Table, is 7: 1, or 7 Inches $\frac{1}{4}$; and therefore in this Case, the Truth will be the Mean betwixt 7: 3, and 7: 1, which is 7: 2, and that is the exact square Side of a Piece of Timber, 17 Inches $\frac{1}{4}$ by 3 $\frac{1}{4}$. For where the Sides are so very different, one to the other, you should look for it both Ways, and

xxiv *The Use of the Table, &c.*

and take the Mean betwixt the Extreams.

N. B. *Though it is seldom, or never, like to happen in Practice, yet I will suppose you have Occasion to find the Square Side of a Piece of Timber, or Stone, too large for the Extent of this Table.*

EXAMPLE VII.

You have a Piece of Timber 60 Inches (or 5 Foot) thick, and 96 Inches (or 8 Foot) broad, and want to know the square Side of it.

Take *Half* the *Thicknes* (of 60) which is 30, and *Half* the *Breadth* (of 96) which is 48. Look in the Table for 30, betwixt the *parallel Lines*, and keeping your Eye down the *left Hand Column*, till you come to 48, and *over against* that in the 2d and 3d Row is 38 : 0, which 38 *Inches* is *one Half* of the *Square Side* of the Piece, and that *doubled* makes 76 : 0, and is the *Square Side* of the Piece required.

Vide Example VI. in Solid Measure, Page xxiii. and xxiv.

THE

THE
EXPLANATION
AND
USE
OF THE
TABLE
OF
Solid Measure.

I. **T**HIS Table *begins* with 2 Inches the Side of the Square, and by the Addition of a Quarter of an Inch enlarges itself to the Extent of 54 Inches (or a Yard and Half) the Side of the Square.

II. Every Page of this Table consists of *two* distinct Parts, divided from each other by a *double Line*: And at the Top of each of the said Parts is set down the Side of the Square, or one Fourth of the Girt or Circumference, of the Piece of Timber, Stone, or other Solid, intended to be measured.

III. The *first* Column to the left Hand, shews the several Lengths in Feet, from one Quarter of a Foot, to 45 Feet, and of such a Piece of Timber, whose Side of the Square, (or $\frac{1}{4}$ of the Girt) is set down at the Top.

IV. The *three Rows of Figures* in the *second Column*, marked at the *Top* with *Ft. In. Pa.* is the *solid Content* in *Feet, Inches, and 12th Parts of an Inch*, answering to every *Foot in Length*, in the *left Hand Column*.

To measure square Timber.

1. With a *two Foot*, or any other *Rule*; measure the *Length* of the *Piece* in *Feet*, and set it down in your *Memorandum Book*.

2. Then with your *Rule*, if your *Timber* be *equal-sided*, take the *Square* in *Inches*, and *Quarters*, if there be any, and set that down likewise.

But note, *That if your Timber, or Stone, be unequal-sided, i. e. if it be broader one Way than the other, in this Case, you must first reduce it to a Square, by the Table of unequal-sided Timber.*

3. Having set down the *Length* in *Feet*, and the *Square* in *Inches* and *Quarters*, as above directed, look at the *Top* of the *Table of solid Measure*, for the *Side of the Square*; and having found that, keep your *Eye* down the *left Hand Column*, till you find the *Length* of your *Piece* in *Feet*; and the *three Rows of Figures*, which stand *over-against* the *Length* in *Feet*, is the *solid Content* in *Feet, Inches, and 12th Parts of an Inch*.

Table of Solid Measure. xxvii

EXAMPLE I.

You have a Piece of Timber, 10 Feet long, and, the Side of the Square is 7 Inches. What is the solid Content of it?

At the *Top* of the Table of *solid Measure* find 7 Inches, the *Side of the Square*, and keep your Eye down the *left Hand Column*, till you come to 10 Feet, the *Length* of your Piece; and *right against* that, stands 3 : 4 : 10 (*viz.* 3 Feet, 4 Inches, and 10 *Twelfth* Parts) which is the *solid Content* of the Piece required.

EXAMPLE II.

The Length of a Piece of Timber is 19 Feet, and the Side of the Square 14 Inches $\frac{3}{4}$. What is the solid Content?

Having found 14 $\frac{3}{4}$ the *Side of the Square*, look for 19 Feet, in the *left Hand Column*, and over *against* it, stands 28 Feet, 8 Inches, and 5 Parts; and that is the *solid Content* of a Piece, 19 Feet long, and 14 Inches $\frac{3}{4}$ square.

EXAMPLE III.

The Length of a Piece of Timber is 40 Feet, the Side of it one Way is 4 Inches, and 16 Inches the other Way. What is the solid Content?

Note, *These differing Sides must be reduced to a Square by the Table of unequal-sided Timber, as already taught, which Square appears by the said Table to be 8 Inches.*

Having found 8, at the *Top* of the Table of *solid Measure*, look for 40 Feet (the *Length* of the Piece) in the *left Hand* Column, and *right against* that, stands 17 Feet, 9 Inches, and 4 Twelfth Parts; the *Solid Content*.

N. B. Keay's Rule and Tables makes the Content to be

F. Qu. In.

27 3 48

which is 9 Feet $\frac{1}{2}$ too much, or 9s. 6 d. in 27s. too much.

EXAMPLE IV.

There's a Piece of Timber 40 Feet long, but the Sides unequal; one Side is 3 Inches, and the other Side 18 Inches. What is the solid Content?

Having reduced the *Sides* (by the Table of *unequal-sided Timber*) to a *Square*, it appears to be 7 Inches, 1 Quarter.

At the *Top* of the Table of *solid Measure*, find $7 \frac{1}{4}$, the *Side* of the *Square*, and *against* 40 Feet long, in the *left Hand* Column, stands the *Content*, viz. 14 Feet, 7 Inches, and 2 Twelfth Parts.

Note, Had this Example been resolved by Keay's Tables, and the RULE he lays down for the measuring unequal-sided Timber; the Answer, instead of being 14 Feet, 7 Inches, would have been 30 Feet and an Half, which is 16 Feet too much.

☞ When a piece of Timber to be measured happens to have any odd Parts of a Foot in the *Length*, as

Table of Solid Measure. xxix

EXAMPLE V.

Suppose a Piece of Timber to be 48 Inches square, and 22 Feet $\frac{1}{2}$ long. What is the solid Content?

Seek in the Table of *solid Measure*, for 48 Inches, the Side of the Square, and 22 Feet, the Length, which set down; then find the $\frac{1}{2}$ Inch at the Bottom of the Table, and set that down; add these together, and you have the Content, viz.

| | | Ft. | In. | P. |
|------------------------------|---|-------|-----|----|
| 22 Feet long is | — | 352 | 00 | |
| $\frac{1}{2}$ a Foot long is | — | 8 | 00 | |
| | | <hr/> | | |
| The Content required | | 360 | 00 | |

N. B. Except the Timber be so large, as to carry a Square of 30 Inches, the Half Foot, or Quarters are seldom regarded.

Though it is seldom (or never) like to happen in Practice, yet we'll suppose you have occasion to measure a Piece of Timber, or Stone, whose Side of the Square is above 54 Inches (or a Yard and Half) which is the largest Square in this Table.

EXAMPLE VI.

You have a Piece of Timber whose Side of the Square is 76 Inches, and the Length 37 Feet, What is the Content?

Since you cannot find 76 Inches the Side of the Square in the Table, take HALF of it, which is 38; find 38, the Side of

of the Square, and over-against 37 Feet the Length, is 371 : 0 : 4, which set down *Four*

| | |
|-----------------------|----------|
| Times *, and added | F. I. P. |
| together gives the | 371 0 4 |
| Content, of the whole | 371 0 4 |
| Piece (of 76 Inches | 371 0 4 |
| square, and 37 Feet | 371 0 4 |
| long) viz. 1484 Feet | <hr/> |
| 1 Inch, and 4 Twelfth | 1484 1 4 |
| Parts of an Inch. | |

* Because that H A L F is but one *Quarter* of the *End* of the Piece thus :



76 Inches

Of H E W N Timber.

N. B. It is customary, when *hewn* Timber is to be measured, to make Use of a large Pair of *Callipers*, to measure the *Thicknes*, or *Diameter*, of the Piece in the *Middle*, between both Ends (where in Case it were *tapering* Timber, one would *girt* it) which *Thicknes* or *Diameter*, is usually taken for the Side of the *Square*, the Piece will carry throughout : But this Method is sometimes objected to, because, all the *Cants*, or *Angular Parts*, that are wanting, to make the Piece perfectly square, are measured in, and accounted for (though not there) as so much real Timber : And this objection carries still a greater Weight, when only a *small Skirting* is hewn off from the *four opposite Sides*, whereby the Piece becomes rather *Octangular*, or *Eight-sided*, than *Square* ; but, to all this it is usually replied, that before the Piece is *hewn* to a *Square*, there is a Waste in the *Chips* and *Slabs*, which are only useful for the Fire, and that the *Expence* of hewing, &c. is more than the *Chips*, &c. are worth.

To

Table of Solid Measure. xxxi

To measure round Timber that is
NOT Tapering.

1. **W**ITH a Rule, measure the Length of the Piece in Feet (and Quarters of a Foot, if necessary) and set it down in your Memorandum-Book ; then reduce it to square Timber thus :

2. With a Chalk-Line, or Pack-thread, gird the Piece in any Place ; then double the Line twice, and you have one Fourth of the Girt, for the Side of the Square, which you must exactly measure upon your Rule, and set down in Inches, and Quarters of an Inch. Having thus reduced the round Timber to square Timber,

3. Look at the Top of the Table of solid Measure, for the Side of the Square, equal to $\frac{1}{4}$ of the Girt, and keep your Eye down the left Hand Column, till you find the Length of the Piece in Feet, and over-against it, stands the Content of the Piece sought, in solid Feet, Inches, and Twelfth Parts of an Inch.

EXAMPLE.

Let the Length of a Piece of round Timber, be 45 Feet, and the Girt 44 Inches ; one Fourth of which is 11 Inches. I demand how much Timber this Piece contains ?

At the Top of the Table of solid Measure, find 11 Inches,
the

the Side of the Square (which is equal to *one Fourth* of the *Girt*) and in the *left Hand Column*, against 45 (*the Length* of the *Piece in Feet*) stands 37 : 9 : 9, that is 37 *Feet*, 9 *Inches*, and 9 *Twelfth Parts* (or $\frac{3}{4}$) of an *Inch*, which is the *solid Quantity* of *Timber* the *Tree* contains.

To measure Tapering Timber.

T*Apering Timber*, is *Timber* that is *smaller* at *one End*, than *the other*, as *Fig. 3*, and, consequently, it will not carry the *same Square* from *End* to *End*, throughout the whole *Piece*; when you have found what *Square* the *Tree* will carry *throughout*, by taking *one Fourth* of the *Girt* (as you were taught on *Page xxxi*) you must proceed *exactly* as in the *Case* of *round Timber*, already taught.

To find what *Square* a *Tree* will carry *throughout*; the *Shape*, or *Figure*, of the *Tree*, should be very carefully observed; and if the *Sides* of the *Tree* are *strait*, from *End* to *End*, as *Fig. 3*, then it may be *girt*, and the *Square* taken in the *Middle*, from the *Butt-end* and *Top*, as is the common *Practice* amongst *Workmen*; or you may observe this

R U L E.

Take *One Fourth* of the *Girt* at *each of the Ends*; add them together, and take *Half* of that *Sum* for the *Side of the Square*, which

Table of Solid Measure. xxxiii

which the Tree will carry *throughout*; as you will find exemplified in *Example III, Page xxvii.*

N. B. If the Tree does not *taper* gradually, but is *unequally* thick, then you may *girt* it *oftener*; always remembering to *divide* the Sum total of the several *fourth Parts* of the *Girt*, by the *Number of Times* the Piece was *girded*, and it gives the *Side of the Square* the Tree will carry throughout.

☞ If you have any *odd Parts* of a *Foot*, in the *Length* of a Tree, you are to proceed as directed in the Case of *square Timber*, having *odd Parts* in the *Length*. See *Page xxix.*

EXAMPLE I.

Let the Circumference of a Tree, or Piece of round Timber (found by girding it) be 36 Inches, one Quarter of which is 9 Inches, the Side of the Square, and let the Length of the Piece be 40 Feet. What Quantity of Timber is in this Piece?

Find 9 Inches, the *Side of the Square*, and *over-against* 40 Feet, stands 22 Feet, 6 Inches, which is the *Quantity* of Timber contained in a *Piece*, which is 40 Feet long, and 36 Inches round.

EXAMPLE II.

Let the Girt of a Piece of Timber be 75 Inches, $\frac{1}{4}$ thereof is $18\frac{3}{4}$, for the Side of the Square, and let the Length of the Piece be 45 Feet: How much solid Timber does this Piece contain?

Find 18 Inches $\frac{3}{4}$ the *Side of the Square*, and *over-against* 45 Feet,

Feet, the *Length* of the Piece, stands the *solid Content*, viz. 109 Feet, 10 Inches, and 4 Twelfth Parts, or $\frac{1}{3}$ of an Inch.

EXAMPLE III.

Suppose that at the largest End of a Tree, $\frac{1}{4}$ of the Girt (or Side of the Square) is 50 Inches, and at the smaller End but 30 Inches, and let the Length of the Tree be 25 Feet: What Quantity of solid Timber does that Tree contain?

| | Inches |
|--|--------|
| The Side of the Square, } at the larger End is } | 50 |
| The Side of the Square, } at the smaller End is } | 30 |
| | — |
| The Sum | 80 |

Half the Sum is 40 Inches, and that is the *Side of the Square*, which the Tree will carry *throughout*. Having thus obtained the *Side of the Square*, look at the *Top* of the Table of *solid Measure*, for 40 Inches, and in the *left Hand Column*, for 25 Feet (the *Length*) and *over-against* it stands, 277 Feet, 9 Inches, and 4 Twelfth Parts (or $\frac{1}{3}$ of an Inch) which is the *Quantity of solid Timber* the Tree contains.

✎ If you should ever have Occasion to measure a Tree whose *Side* is more than 54 Inches, you must proceed as directed in the Case of *square Timber*, when the Square is more than 54 Inches. See Page xxix.

But

Table of Solid Measure. xxxv

But *Note*, If a Tree should be *Round- ing* or *Bulging* out (as *Fig. 4.*) so that to- wards the *Middle*, it may be as large, or near it, as at the *Bottom*, then it must be measured *at twice* (which Workmen call *Joggling* the Piece) *viz.* The *Length*, A D, that continues of one and the same *Bigness*, or near it, *singly* by itself, and so also must the *Remainder*, D B, and their *Quantities added* together, will be the *Con- tent* of the whole Tree.

Now had this Tree (*Fig. 4.*) been measured *at once* (or by *one Dimension*) as *Fig. 3.* then *its Girt* would have been taken at F, where it is very Small, and all the *extraordinary Thickness*, *a. a.* quite round about the small Body D B, would have been *lost* in the Measure. And,

For this Reason, those, who are to measure Timber, should be very cautious how they agree (before they begin to measure) *that let the MIDDLE of Pieces of Timber fall out how they will, Great or Small, their Girt should be taken THERE.* Because, where one Tree is *largest* (or its *mean Thickness* in the *Middle*) there are *Nine* or *Ten* that are *less*; and when their *Girts* are taken at their *Middle*, from *each End* (it is plain) they cannot fail of loosing many *Loads* in a large Quantity of Timber.

N. B. If the Tree is *crooked*, the *Length* is not to be taken on either the *Concave* (or hollow) or *Convex* (or *Out-arching*) Side.

N. B. It is a *customary Allowance* to the Buyer, to take the *GIRT* any where he pleases, between the *greater End* and the *Middle* of the Tree.

N. B. *Branches* or *Boughs* measuring *two Feet* in *Compass*; (or *6 Inches*, $\frac{1}{4}$ of the *Girt*) are reckoned as *Timber*, and their *Content* is to be found, and added to that of the Tree.

Note, So much of the *Trunk*, as mea- sures *less* than *two Feet* compass (or *6 Inches*, $\frac{1}{4}$ of the *Girt*) is not admitted to be *Timber*.

*Of making an Allowance for the
BARK.*

IN measuring Trees that have their *Bark* on, for Sale, it is common to make an *Allowance* to the Buyer, on Account of the *Bark*, thus; in *Oak*, $\frac{1}{10}$ or $\frac{1}{2}$ Part of the Circumference is deducted; but the *Allowance* for the *Bark* of *Elm*, *Beech*, *Ash*, &c. should be less: — Some Measurers insist on *one Inch* out of *one Fourth* of the *whole Girt* for it, viz. If $\frac{1}{4}$ of the *Girt* is found to be *9 Inches*, then *1 Inch* is abated, and $\frac{1}{4}$ of the *Girt* is reckoned at *8 Inches* only. — Others say, That if it is an *old thick-barked Tree*, *one Inch* must be abated in a *fourth Part* of the *Girt* for the *Bark*; but in *young growing Timber*, *Half an Inch* may be sufficient, as every Practitioner will easily judge. *This Deduction* being made, is supposed to reduce the *Compass* to that which the *Tree* will have, when the *Bark* is stripped off. Therefore observe this

RULE. From the given *Circumference*, Subtract the *Allowance* for *Bark*; and with the *remaining Compass*, find the *solid Content*, as already taught.

*Of measuring Timber that is
Standing.*

IN measuring *Timber standing*, it is sufficient to have a very long *Pole*, divided into *Feet* only
(be-

Table of Solid Measure. xxxvii

(beside a Pocket Foot-Rule, divided into *Inches*) and a Ladder to get up with readily, to measure the *Girt* of the Tree, at the *middle* height, to which it runs Timber; *i. e.* as far as it will carry a *Square* of 6 Inches, or will Measure 24 Inches *round*, and then you proceed to find the *Contents*, as already taught.

I have known a Steward, who, at his first entering into Business, was so exact as to take an Account of every *Single* Timber-Tree, as well as others likely to become Timber, in all the Woods within his Master's several Manors: And he effectually did this to the greatest Advantage, by having a Book ruled with proper Columns, in the following Order.

I. To insert the *fourth Part* of the *Girt* of each Tree, in *Inches*.

II. The *Length* of each Tree, in *Feet*.

III. The *Number* of *solid Feet* in each Tree.

IV. The *Value* per *Foot*, that each Tree is worth, according to its *Dimensions* and *Goodness*.

V. The *Value* of the *Body* of each Tree, in *Proportion* to the *aforesaid Price*.

VI. The *Value* of the *HEAD* of each Tree.

VII. The *Value* of the *BARK* of each *OAK-tree*, [which generally holds to be about a *third Part* of the *Value* of the *BODY* and *HEAD*.] And,

VIII. A

VIII. A Column for *the Value of the BODY, the HEAD, and BARK, ADDED together.*

A Book, put into this Method, can never fail of giving great Satisfaction to a Master, who has then something to depend upon whenever his Necessities, or his Inclinations may call for a *certain* Sum of Money. However, after a Sale, the Book must be altered, and such Trees struck out of it, as are felled.

When an Account is taken of the several *Timber-trees* (in the Manner I have mentioned) they should be *numbered* with *Iron-stamps*, made on Purpose: Only before the Stamp is applied, the *rough* Part of the Bark should be taken off with a Hatchet, that the Impression may be made easy and visible: And, to make it *lasting*, the Stamp should not go *deeper* than *the Bark*; because, in such Case the *Number* will soon grow up; but otherwise it may last several Years by renewing, which is no undesirable Circumstance.

The foregoing Examples, with what has already been said, are sufficient to make the Business of measuring, both *square* and *round* TIMBER, STONE, &c. easy to the very *meanest* Capacity. However (for *Practice* Sake) I shall suppose the Learner was to measure 10 *Trees*, or *Pieces* of Timber.

Let

Table of Solid Measure. xxxix

Let him set down their *Number* and *Dimensions* as in the following Columns, and then find their *Contents* as already taught, and set that down *against each Tree*, as under,

| N ^o Trees. | Side square Inches. | Length Feet. | By this New Method. | | | By KEAY. | | | By DARLING. |
|-----------------------|---------------------|--------------|---------------------|-----|-----|----------|------|-----|------------------------|
| | | | Feet | In. | Pa. | F. | Qrs. | In. | Feet, and 10000 Parts. |
| 1 | 9 | 10 | 5 | 7 | 6 | 5 | 2 | 216 | 5.6250 |
| 2 | 10 $\frac{1}{2}$ | 14 | 10 | 8 | 7 | 10 | 2 | 378 | 10.7187 |
| 3 | 15 | 11 | 17 | 2 | 3 | 17 | 0 | 324 | 17.1875 |
| 4 | 20 $\frac{1}{2}$ | 16 | 46 | 8 | 4 | 46 | 2 | 336 | 46.6944 |
| 5 | 16 | 24 | 42 | 8 | 0 | 42 | 2 | 288 | 42.6666 |
| 6 | 16 | 23 | 40 | 10 | 8 | 40 | 3 | 240 | 40.8888 |
| 7 | 36 | 18 | 162 | 0 | 0 | 162 | 0 | 000 | 162.0000 |
| 8 | 26 | 28 | 131 | 5 | 4 | 131 | 1 | 336 | 131.4442 |
| 9 | 31 | 17 | 113 | 5 | 5 | 113 | 1 | 348 | 113.4513 |
| 10 | 35 | 30 | 255 | 2 | 6 | 255 | 0 | 360 | 255.2083 |
| Total | | | 825 | 10 | 7 | 825 | 3 | 234 | 825.8848 |

Besides the *Contents* given by this *new* Method, I have likewise set down the *Contents* of *each Tree* as given by *Keay* and *Darling*, to shew

shew that this Method is more *intelligible*, and *better suited* to *ordinary Capacities*, than either of theirs. These *Twelfth Parts* of an Inch are *easily* cast up, and *readily* understood; for here you have nothing more to do than to carry 1 to the *Inches* for every 12 in the *Parts*, and 1 to the *Feet* for every 12 in the *Inches*: Whereas, by *Keay's Method*, you must carry 1 to the *Quarters* for every 432 in the *Inches*, and 1 to the *Feet* for every 4 in the *Quarters*; and by *Darling's Method* you must carry 1 to the *Feet* for every 10000 in the *Parts*. Both which Numbers of 432 *Inches* and 10000 *Parts* of a *Foot* are very *difficult* to conceive, and, consequently, very *troublesome* and *perplexing* to every Man that is not versed in *Decimal Arithmetic* and *Mensuration*.

Of reducing Timber to Loads.

N. B. *Measures* and *Workmen*, reckon 40 Feet of *unbewn*, or *rough Timber*, and 50 Feet of *bewn Timber*, to a Load, supposed to weigh a Ton, or 20 hundred Weight: For, *bewn Timber* is measured by the *Square*, but *rough Timber*, by the *Girt*, (or *quarter Compass*,) therefore, in the buying of *Timber*, it amounts to much the same, whether it be measured by the *Girt*, at 40 Feet solid to a Load; or measured by the *Square*, at 50 Feet to a Load. Therefore,

When *Timber* is to be reduced to Loads, divide the Feet, in *rough*, or *unbewn Timber*, by 40, and it gives the Loads. Or,

Divide the Feet in *bewn Timber*, by 50, and it gives the Loads.

Some

Some curious Observations concerning measuring Timber, by several Dimensions.

Communicated by one of his Majesty's PURVEYORS.

Of measuring Fig. 5, [facing Page xi.] by one Dimension, and also by three Dimensions.

NOW let us take, and well consider, *Fig. 5*, intended to represent a Piece of Timber, that is 24 Feet long, and the *Girt* of the *Butt-end* A, 6 Feet, one Fourth of which is 18 Inches; and the *Girt* at the *Top*, G, 12 Inches, one Fourth of which is 3 Inches; and (as the *Sides* are supposed to be *nearly strait*) the *Girt* in the *Middle*, at D, 36 Inches, one Fourth of which is 9 Inches: now look into the Table of *solid Measure* for 9 Inches *the Side*, and 24 Feet *the Length*, and you'll find the *Contents* of *this Piece*, to be $13 \frac{1}{2}$ Feet.

Having thus found *the Content*, by *one Dimension*, to be $13 \frac{1}{2}$ Feet; let us now proceed to see what *this Piece* will produce, when measured by *three Dimensions*. Suppose *the Top* cut off at E, and that we have only a Length of 16 Feet, *viz.* from A to E (instead of 24 Feet, as before) and *one Fourth* of the *mean Girt* at C, to be 12 Inches: Now if you look in the Table of *Solid Measure* (for 12 Inches *the Side*, and 16 Feet *the Length*) you will find this Piece

f - A E,

A E, to contain 16 Feet of Timber, notwithstanding the *Top* E G, which is 8 Feet long, is not taken the least Notice of; whereas when this *Top* was left on, the whole, A G, measured but to $13 \frac{1}{2}$ Feet, so that by cutting off 8 Feet at the *Top*, we gain $2 \frac{1}{2}$ Feet of Timber.

Next let us suppose 16 Feet to be cut off at the *Top*, and no Sort of Notice taken of it, *viz.* from C to G, and only the *Butt-end* A C, left to be measured, the Length of this *Butt* is but 8 Feet, and its *Girt* in the Middle, 3 Feet, one Fourth of which is 15 Inches. Now if you look into the Table of *solid Measure* (for 15 Inches *the Side*, and 8 Feet *the Length*) you will find this *Butt* ALONE to contain $12 \frac{1}{2}$ Feet, which is only *one Foot less* than the *whole* (24 Feet A G) when measured together; so that by cutting off 16 Feet at the *Top*, you loose only *one solid Foot* of Timber.

Of measuring Fig. 5, from C to G, by one Dimension, and also by two Dimensions.

NOW let us suppose 8 Feet to be cut off at the *Butt-end*, *viz.* from A to C, and let us proceed to measure the Remainder, C G; first, entire by *one* Dimension, and afterwards by *two* Dimensions. Look in the Table of *Solid Measure* (for 6 Inches *the Side*, and 16 Feet *the Length*) and you will find *the whole* (C G) contains exactly 4 *solid Feet*.

Let

Let us now suppose it cut in *two* in the *Middle*, at E, and let us measure *each* Part by itself. Look in the Table of *Solid Measure* (for 9 Inches *the Side* and 8 Feet *the Length*) you will find it contains $4\frac{1}{2}$ *solid Feet*; so that you see this Piece C F, measures to *Half* a solid Foot *more* than *both* the Pieces C E, and E G, did before, when measured *together*; they *both* measuring but to 4 solid Feet, and this *one* measures to 4 solid Feet and an Half, *exclusive* of E G.

Let us now measure the Piece E G. Look in the Table of *solid Measure* (for 4 Inches *the Side*, and 8 Feet *the Length*) and you will find E G, contains 10 solid Inches, and 8 $\frac{1}{2}$ Parts, which is *almost* 1 Foot; so that you see *the whole* C G, measures to almost *one* solid Foot and an Half more, when measured at *twice*, than it did when it was measured at *one* Dimension.

Some useful Observations, drawn from the foregoing Methods of measuring Fig. 5.

THIS Piece of Timber (*Fig. 5.*) and the above Manner of measuring it, if well considered, shew the *Imprudence* of those *Sellers*, who (thinking it an Advantage to them) leave the Pieces with their long taper Tops to a great Length, whereby *the Girt* comes to be taken in a much

f 2 smaller

smaller Part of the Tree than it ought, or would be if the Top were cut off; and it may likewise serve to shew the Advantage there is of buying in, such a Piece of Timber, of 24 Feet long, entire (or measured by one Dimension) and selling it measured out again, after it is cut out into three Pieces, or Lengths, of 8 Feet each.*

And here it may be farther worth observing, that though in *Fig. 5*, the Sides of the Tree are supposed to be *nearly strait*, from the *Butt* to the *Top*, viz. from *A* to *G*, yet this very rarely happens to be the Case; for on the contrary, most Trees hold *an equal Thickness* (or near it) many Feet forward from the *Butt*, and consequently measure *much more*, than when they *taper*, or diminish *gradually* from the *Butt* to near the *Top*, as *Fig. 5*, is here supposed to do.

* Look in the *Copper-Plate*, facing *Page xi*, and you'll see that *Fig. 5*, measured by *three Dimensions*, measures to 18 *solid Feet*, which at 12 *d.* per *Foot*, comes to

But measured by *one Dimension*, it measures only to 13 $\frac{1}{2}$ *solid Feet*, and at 12 *d.* per *Foot*, comes to

So that this Piece of Timber, *Fig. 5*, though it is bought in, and sold out, at the same Price, per *Foot*; and by the very same Method of measuring; yet there is 4*s.* 6*d.* gained by cutting it into three Lengths, of 8 Feet each.

N. B. For want of Room, *Fig. 5*, is not drawn in Scale.

The TABLE of *Solid Measure* applied to the *Freighting* of SHIPS, &c.

THE following Table of *solid Measure* (beginning Page 24 and ending Page 128, and) which is particularly explained on Page xxv, &c. having been made use of, for many Years past, by several judicious Merchants for the expeditious ascertaining the *Value* of the *Carriage* of Goods which pay *Freight* by the *solid Foot*; and the Table being as well adapted for the *freighting* of *Ships* as for the *valuing* of *Timber*, I have, to this *Fourth Edition*, added the following *Directions*, for the *Benefit* of those who would apply it to the *freighting* of *Ships*: And they are such as I think ought to prevail: but so long as some Measurers will be for taking the *Dimensions*, and valuing their *Amount*, NEARER than others, there will always be room for *Disputes*. 'Tis said, 'tis usual to make an *Abatement* of $\frac{1}{3}$ upon the *Admeasurement* of the *Package* of *coarse Goods*.

To find how many *solid Feet* are contained in any *Case*, *Bale*, *Cask*, &c. i. e. how many *solid Feet* they will take up in a *Ship*, in order to ascertain the *Freight*. Observe that

GOODS paying *Freight* by the *solid Foot* are commonly pack'd up in,

1. *Cases*, *Chests*, or *Trunks*.
2. *Bales*, *Trusses*, or *Bundles*.
3. *Casks*, *Vats*, or *Fats*.

And their *Contents* are all found by one and the same *Method*; viz. taking the *Length* and *girting* them. Thus:

1. With a *Rule* measure the *Length* of the *Package*, and write it down in *Feet* and *Inches*, in your *Memorandum Book*; having done this, then you are to reduce the *Package* to a *Square*, which is immediately done thus,

f 3

2. With

xlvi* *The Table of Solid Measure*

2. With a *Line*, or *Packthread*, gird the *Package*; then double the *Line* twice, and you have one *Fourth* of the *Girt* (for the *Side* of the *Square*) which measure upon your *Rule*, and write it down in *Inches* and *Quarters* of an *Inch*. Having thus reduced the *Package* to a *Square*, then,

3. Look at the *Top* of the *Table* of *Solid Measure* for the *Side* of the *Square* (which is equal to $\frac{1}{4}$ of the *Girt*) and keep your *Eye* down the *left Hand Column* 'till you find the *Length* of the *Package* in *Feet*; and over-against that stands how many *solid Feet*, *Inches* and *12th Parts* it contains: but these *12th Parts*, and the *Inches*, are usually rejected, unless they amount to *Half* a *Foot*.

EXAMPLE I.

Let the *Length* of a *Case*, *Chest*, or *Trunk* be 36 *Inches* (which is equal to 3 *Feet*) and the *Girt* 96 *Inches* ($\frac{1}{4}$ of which is 24 *Inches*.) I demand how many *solid Feet* such a *Case*, &c. contains?

At the *Top* of the *Table* find 24 *Inches*, the *Side* (equal to $\frac{1}{4}$ of the *Girt* of 96 *Inches*) then keep your *Eye* down the *left Hand Column*, and against 3 *Feet*, the *Length* (which is equal to 36 *Inches*) you have 12 *Feet*, and so many *solid Feet* you are to pay *Freight* for, at the *Price* agreed upon.

☞ When you cannot find the exact *Length* of the *Package* in the *Table* at once, you are to take it out at *Twice*, as in the following *Example*.

EXAMPLE II.

Let the *Length* of a *Case*, &c. be 54 *Inches* (which is equal to 4 *Feet* and an *Half*) and the *Girt* 152 *Inches* ($\frac{1}{4}$ of which is 38 *Inches*) I demand how many *solid Feet* the *Case* contains?

At

*applied to freighting Ships. *xlvi*

At the *Top* of the Table find 38 Inches, the *Side* (equal to $\frac{1}{4}$ of the *Girt* of 152 Inches) then keep your Eye down the *left Hand* Column, and against 4 Feet, the *Length*, is 40 : 1 : 4, which write down, and at the *Bottom* of the Table against $\frac{1}{2}$ a Foot, the *Length*, is 5 : 0 : 2, then *add* these together and they make 45 Feet, 1 Inch, and 6 12th Parts; and so many *solid* Feet you are to pay *Freight* for, at the *Price* agreed upon.

| F. | In. | P. |
|-------|-----|----|
| 40 | 1 | 4 |
| 5 | 0 | 2 |
| <hr/> | | |
| 45 | 1 | 6 |

☞ When you have any *Inches* in the *Length* Less than $\frac{1}{4}$, $\frac{1}{2}$, or $\frac{3}{4}$, of a Foot, you are to proceed as in the following *Example*.

EXAMPLE III.

Let the *Length* of a *Case*, &c. be 62 Inches (which is equal to 5 Feet 2 Inches) and the *Girt* 122 Inches ($\frac{1}{4}$ of which is 30 $\frac{1}{2}$ Inches) I demand how many *solid* Feet the *Case* contains?

At the *Top* of the Table find 30 $\frac{1}{2}$ Inches, the *Side of the Square* (equal to $\frac{1}{4}$ of the *Girt* of 122 Inches) then keep your Eye down the *left Hand* Column, and against 5 Feet stands which write down. THEN for the 2 Inches: I consider that 2 Inches is 2 Thirds of $\frac{1}{4}$ of a Foot, and at the *Bottom* of the Table I find, against $\frac{1}{4}$ of a Foot, 1 Foot, 7 Inches, 4 12th Parts and 6 Seconds (but the 12th Parts and Seconds may be rejected). Now $\frac{2}{3}$ of 1 Foot is 8 Inches, and $\frac{2}{3}$ of 7 Inches is 2 Inches $\frac{1}{3}$, which I write down also; and then *add* them together, and find they make 33 Feet, 1 Inch, and 11 12th Parts of an Inch, and so many *solid* Feet you are to pay *Freight* for, at the *Price* agreed for.

☞ When *CASES* Taper and are smaller at one End than the other; to reduce them to a Square you must *girt* them in the *Middle* from each End, Or you may find $\frac{1}{4}$ of the *Girt* at each End, add them together, and take Half of it for the *Side of the Square*, and work as in the foregoing *Examples*.

of

Of BALES, TRUSSES, &c.

THE *solid Feet* in any *Bale, Truss, or Bundle*, are found by taking their *Length* and reducing them to a *Square* by *girting* them, as in the 3 foregoing *Examples*, PROVIDED they are as large at one *End* as the *other*. But in case they should *Taper* and be *smaller* at one *End* than the *other*, then they are to be *girt* in the *Middle* from *each End*; and taking $\frac{1}{4}$ of the *Girt* (for the *Side of the Square*) proceed to find the *solid Feet* as *already* taught for *Cases*; and as *following* for *Casks*.

Of CASKS, FATS or VATS.

THE *solid Feet* in any *Cask or Fat* are found by taking their *Length*, and reducing them to a *Square* by *girting* them as *Cases, Bales, &c.* PROVIDED they are *strait-sided*: But if they are *smaller* at the *Ends* than in the *Middle*, then you must *girt* them at the *Midway* between the *Middle* and *End* of the *Staves*, and take $\frac{1}{4}$ of the *Girt* for the *Side of the Square*; OR you may find $\frac{1}{4}$ of the *Girt* in the *Middle*, and also at the *End*, and *add* them together, and take *Half* of it for the *Side of the Square*, and proceed as in the foregoing *EXAMPLES* of *Cases, Chests, and Trunks*.

☞ In taking the *Length* of a *bulging Cask* with a *Line*, without some *Care* you may take it *too long*: For tho' a *strait-sided Cask* and a *bulging Cask*, when *STANDING* on their *End*, may be of the same *Height*, yet if the *LENGTH* is taken with a *Line* when they are *LYING*, the *bulging Cask* will be apt to measure *longer* than the *strait-sided* one, which should be guarded against. And where the *Hoops* rise higher than the *Middle* or *bulging Part* of the *Cask*, the *Girt* ought to be taken there: and it is usual for the *Ship's Measurer* to endeavour, on all *Occasions*, to obtain the *largest Girt*. ☞ 'Tis said some *girt* the *Casks* in the *Middle*, and *abate* $\frac{1}{3}$ for their *Tapering*.

☞ In taking the *Length* and *Girt* of *Cases, Chests, Trunks, &c.* when they are *strengthened* or *secured* with *Battens*, or there is *any thing* that *any how* hinders other *strait Goods* from lying close by them, *that* which so hinders their lying close is to be measured *IN* and paid for, as if the *Length* and *Girt* had been *every where* as large as in those particular *Places*; by reason it occasions so much *Loss* in the *Stowage* of the *SHIP*.

T H E

THE
EXPLANATION
AND
USE

Of the FOUR following

T A B L E S

For finding

The **VALUE**, *per Foot Cube*,
of *Timber, Stone, &c.* cut
to any *Size or Scantling*.

TH^{O'} these Tables are **FOUR**
in Number, yet being all
of *the same Nature*, and only dif-
fering in *Price*, if I explain and
shew the Use of **ONE**, *the other*
Three will be understood of Course.
And whoever understands the Use
of the Table of *unequal-sided Tim-*
ber on *Page 2*, can need very lit-
tle Instruction to understand *these*;
which are *much* of the same Na-
ture.

I. At the Beginning of the *Ta-*
ble at *1 s. 6 d.* (or *18 d.*) *per Foot*
Cube (on *Page 130*) betwixt two pa-
rallel Lines stands *2 Inch. Sqr.* which
is the *Thicknes* of the **LESSER**
Side of the Piece you would find
the Value of; and under the said
parallel Lines are *Three Rows* of
Figures: In that Column to the
Left Hand, divided from *the other*
Two by a *Black Line*, is the *Breadth*
or

xlvi *The Use of the Tables*

or **LARGER Side** of the Piece to be Valued.

N. B. The *little* Figures of 2 in the said *Left Hand Column*, which stand betwixt the *Larger Figures* 2. 3. 4. 5, &c. signify *Two Quarters* or *Half* an Inch.

II. The *Second* and *Third* Rows of Figures (which stand *against* the several *Breadths* or *Larger Sides* in the *First Column*) shew the *Value* of **ONE Foot in Length** in *Pence* and the *Eighth Part* of a *Penny*.

N. B. In the *Tables* at 1*s.* 6*d.* 2*s.* and 2*s.* 6*d.* the *Value* is given in *Pence* and the *Eighth Part* of a *Penny* or *Half* a *Farthing*. But in the *Table* at 3*s.* the *Value* is given in *Pence* and *Farthings*.

EXAMPLE I. What is the *Value* of **ONE Foot in LENGTH** of a Piece of Timber, Stone, &c. whose *Size* or *Scantling* is 6 Inches by 9 Inches, at 18*d.* per Foot Cube?

In the *Table* at 18*d.* (or 1*s.* 6*d.*) look for 6 *Inch. Sqr.* betwixt the *parallel Lines*, keeping your *Eye* down the *Left Hand Column* till you come to 9 Inches; and *against* it stands 6 : 6, which signifies 6*d.* $\frac{3}{4}$; (for 6 *Eighths* of a *Penny* is equal to *Three Farthings*) the *Value* sought.

| | | | |
|------------|-------|-------------------------------------|------------------|
| | s. d. | | d. |
| N. B. By | 2 0 | the Value will be found to be | 9 |
| the Table, | 2 6 | | 11 $\frac{1}{4}$ |
| at | 3 0 | | 13 $\frac{1}{2}$ |

EXAMPLE II. What is the *Value* of **ONE Foot in Length** of a Piece of Timber, Stone, &c. whose *Size* or *Scantling* is 6 $\frac{1}{2}$ Inches

of the Value per Foot Cube. xlvii

ches by $9 \frac{1}{2}$ Inches, at 18 d. per Foot Cube?

In the Table at 18 d. (or 1s. 6d.) look for $6 \frac{1}{2}$ Square in the *parallel Lines*, keeping your Eye down the *Left Hand Column* 'till you come to $9 \frac{1}{2}$ Inches; (the $\frac{1}{2}$ Inch is signified by the *little Figure* of 2 that stands *under* the 9) and *against* it stands 7 : 5 which signifies 7 d. $\frac{1}{2}$ half Farthing, (or 7 d. and 5 *Eighths* of a Penny) the *Value* sought,

| | s. d. | | d. |
|------------|-------|----------------|------------------|
| N. B. By | 2 0 | the Value will | 10 $\frac{1}{4}$ |
| the Table, | 2 6 | be found | 12 $\frac{3}{4}$ |
| at | 3 0 | to be | 15 $\frac{1}{4}$ |

By observing the following *Directions* these 4 Tables may be made as useful for *valuing* Timber, Stone, &c. at ANY OTHER *Price* per Foot Cube. as they are for the *Prices* they are calculated for.

If

$\left. \begin{array}{l} \text{s. d.} \\ 3 \ 6 \\ 4 \ 0 \\ 4 \ 6 \\ 5 \ 0 \\ 5 \ 6 \\ 6 \ 0 \end{array} \right\}$ per Foot Cube $\left\{ \begin{array}{l} \text{Add the Value at 18d. to the Value at 2s. and that is the Value at 3s. 6d.} \\ \text{DOUBLE the Value at 2s. and that is the Value at 4s.} \\ \text{Add the Value at 2s. to the Value at 2s. 6d. and that is the Value at 4s. 6d.} \\ \text{DOUBLE the Value at 2s. 6d. and that is the Value at 5s.} \\ \text{Add the Value at 2s. 6d. to the Value at 3s. and that is the Value at 5s. 6d.} \\ \text{DOUBLE the Value at 3s. and that is the Value at 6s.} \end{array} \right.$

$\left. \begin{array}{l} \text{s. d.} \\ 0 \ 9 \\ 1 \ 0 \\ 1 \ 3 \end{array} \right\}$ per Foot Cube take HALF the Value at $\left\{ \begin{array}{l} \text{s. d.} \\ 0 \ 18 \\ 2 \ 0 \\ 2 \ 6 \end{array} \right\}$ and that is the Value at $\left\{ \begin{array}{l} \text{s. d.} \\ 0 \ 9 \\ 1 \ 0 \\ 1 \ 3 \end{array} \right.$

$\left. \begin{array}{l} \text{d.} \\ 2 \\ 3 \\ 4 \\ 6 \end{array} \right\}$ per Foot Cube MORE than the $\left\{ \begin{array}{l} \text{d.} \\ 2 \\ 3 \\ 4 \\ 6 \end{array} \right\}$ Price any of the Tables are calculated for, for $\left\{ \begin{array}{l} \text{Of the Value at 2s. per} \\ \text{Foot, and you have} \\ \text{the Value sought} \end{array} \right.$

If you want the Price at $\left\{ \begin{smallmatrix} 2 \\ 4 \\ 6 \end{smallmatrix} \right\}$ Price any of the 1st ones are calculated for, for $\left\{ \begin{smallmatrix} 4 \\ 6 \end{smallmatrix} \right\}$ the Value sought

d. $\left\{ \begin{smallmatrix} 2 \\ 3 \\ 4 \\ 6 \end{smallmatrix} \right\}$ per Foot Cube Less than the Price any of the Tables are calculated for, for $\left\{ \begin{smallmatrix} 2 \\ 3 \\ 4 \\ 6 \end{smallmatrix} \right\}$

d. $\left\{ \begin{smallmatrix} 2 \\ 3 \\ 4 \\ 6 \end{smallmatrix} \right\}$ DEDUCT from the Value in that Table

$\left\{ \begin{smallmatrix} 1 \\ 2 \\ 3 \\ 4 \\ 6 \end{smallmatrix} \right\}$ Of the Value at 2 s. per Foot, and you have the Value sought.

N. B. I suppose you need not be told that 1 d. is the 24th Part of the Value at 2 s. or the 18th Part of the Value at 18 d. or that 5 d. is the 6th Part of the Value at 2 s. 6 d. and that when you want the Price at 1 d. or 5 d. MORE or LESS than any of the Tables are calculated for, you must ADD to, or DEDUCT from the Value set down in the Tables, accordingly.

¶ If you should ever want to find the Value of ONE Foot in Length of a Piece of Timber, Stone, &c. whose Size or Scantling is LARGER than the EXTENT of these Tables, this is

The RULE:

Consider at what Price per Foot Cube you would value it by, then seek in THAT Table for the VALUE of ONE Foot of Timber or Stone whose Scantlings are each of them but equal to HALF the given Scantlings, and FOUR Times that Price is the Value sought. [See Example VI. Page xxix and xxx.]

1 Value per Foot Cube.

EXAMPLE III. What is the Value of ONE Foot in Length of a Piece of Timber or Stone, &c. whose Scantlings are 14 Inches by 20 Inches, at 18 d. (or 1 s. 6 d.) per Foot Cube?

Here you are first to consider, that HALF the given Scantling is 7 by 10. Then in the Table at 18 d. per Foot Cube you are to look betwixt the parallel Lines for 7 Inches Square, keeping your Eye down the Left Hand Column 'till you come to 10 Inches and against 10 Inches stands 8 : 6 which signifies 8 d. $\frac{3}{4}$ and FOUR Times 8 d. $\frac{3}{4}$ is 2 s. 11 d. and that is the Value of ONE Foot in Length whose Scantling is 14 Inches by 20 Inches at the Rate of 18 d. per Foot Cube. And

| | | | |
|--------|-------|---------------------------------------|--------------------|
| | s. d. | | s. d. |
| By the | 2 0 | } the Value will be found to be | 3 10 $\frac{1}{2}$ |
| Table | 2 6 | | 4 10 |
| at | 3 0 | | 5 10 |

N. B. When you are about to Value Timber, Stone, &c. per Foot Cube you are carefully to consider, that by Reason of the Length of Carriage, the Value of Workmen's Wages, &c. they are rendered much dearer in some Places than they are in others, and therefore they must be valued at a Price accordingly.

THE
EXPLANATION
AND

U S E

Of the following

T A B L E

O F

Superficial or Flat

M E A S U R E .

1st. **T**HIS Table begins with
1 Inch broad, and by
the Addition of a Quarter of an
Inch, extends itself to 24 Inches
the BREADTH.

2^{dly}. Each Page of this Ta-
ble, is divided into Two distinct
Parts, and each Part consists of
Two Columns.

3^{dly}. The FIRST Part of the
narrow Column to the left Hand,
shews the several Lengths in Feet,
from 1 to 24; and, the SECOND
Part the Inches, from 1 to 11;
and the THIRD Part, the Quar-
ters of an Inch.

4^{thly}. The Three or Four Rows
of Figures in the larger Column,
on the right Hand, marked at
the Top, Ft. In. Pa. and lower,
Ft. In. Pa. S. and T. are the se-
veral Contents in square Feet, In-
ches, Twelfth Parts of an Inch,

Seconds, and Thirds; answering to every Foot, Inch, and Quarters of an Inch, in the Length, in the left Hand Column.

The Use of the TABLE.

EXAMPLE I.

If a Board is 5 Inches broad, and 9 Feet long, I desire to know how many square-Feet are contained therein?

Look at the *Top* of the Table for 5 Inches (the *Breadth*,) and then keep your Eye down the *left Hand Column*, 'till you come to 9 Feet (the *Length*) and *over-against* that, stands 3:9:0, which signify 3 Feet, 9 Inches, and is the *Content* required.

EXAMPLE II.

There's a Plank, 17 Feet, 9 Inches long, and 21 Inches, $\frac{1}{2}$ broad; I demand how many square Feet, are contained in that Plank?

At the *Top* of the Table, find 21 $\frac{1}{2}$ Inches (the *Breadth*) and then look down the *left Hand Column*, for 17 Feet (the *Length*) and right against it, stands 30:5:6, which signifies 30 Feet, 5 Inches, and 6 *Twelfth* Parts, or *Half an Inch*. Then look for 9 Inches (the *Length*) and against it, stands 1:4:1:6, that is, 1 Foot, 4 Inches, 1 *Twelfth* Part of an Inch, and 6 *Seconds*, (or *Half a Twelfth* Part of an Inch;) then *add* these two together, and
you

Table of Flat Measure. liii

you find the Content to be, 31 Feet, 9 Inches, and 7 Twelfth Parts of an Inch,—the 6 Seconds may be rejected.

| | Ft. | In. | P.S. |
|-------------|-----|-----|-------|
| At 17 Feet | 30 | 5 | 6 0 |
| At 9 Inches | | 1 | 4 1 6 |

The Content required is 31 9 7 6

☞ The *Quarters* of an *Inch* (when you have Occasion for them) must be found and *added* to the *Feet* and *Inches*.

N. B. If you have a Plank *broader* at one *End* than the other (which is very common) you will certainly (by what has been observed before) either take it in the *Middle*, or taking *each End*, add them together, and take the *Half* for the *true Breadth* (provided *both Edges* be *strait*) as you were forewarned in the Case of *Solid Measure*.

☞ When you happen to meet with any *Board*, *Plank*, &c. *broader* than 24 Inches, or *longer* than 24 Feet, you must observe,

EXAMPLE III.

In a Plank 19 Feet long, and 27 Inches broad, I demand how many square Feet there are?

☞ Now since your Table extends but to 24 Inches *broad*, the 27 Inches must be taken out at *twice*, viz.

| | F. | I. | P. |
|---|----|----|----|
| 19 Feet long, and 24 Inches broad, is | 38 | 0 | 0 |
| 19 Feet long, and $\frac{3}{27}$ Inches broad, is | 04 | 9 | 0 |

The Content required is 42 9 0

So that a Plank, 19 Feet long, and 27 Inches broad, contains 42 superficial Feet, and 9 Inches.

If

If you have a *Stock*, or *Parcel* of *Boards*, or *Planks*, to measure, which are all of *one Length*, but of *different Breadths*, you must set down the *Contents* of *each*, and add them together in the following Manner:

EXAMPLE IV.

16 Feet is the common *Length*, and the *Breadth* of

| No. | Inches. | Contents. | | |
|-----|------------------|-----------|----|----|
| | | F. | I. | P. |
| 1 | is 7 | 9 | 4 | 0 |
| 2 | 7 $\frac{1}{2}$ | 10 | 0 | 0 |
| 3 | 8 | 10 | 8 | 0 |
| 4 | 8 $\frac{1}{2}$ | 11 | 4 | 0 |
| 5 | 9 | 12 | 0 | 0 |
| 6 | 9 $\frac{1}{2}$ | 12 | 8 | 0 |
| 7 | 10 | 13 | 4 | 0 |
| 8 | 10 $\frac{1}{2}$ | 14 | 0 | 0 |
| 9 | 11 | 14 | 8 | 0 |
| 10 | 11 $\frac{1}{2}$ | 15 | 4 | 0 |
| 11 | 12 | 16 | 0 | 0 |

The *square* or *superficial Content* of the said 11 *Planks* is } 139 4 0

Which is 139 Feet, 4 Inches, the *Content* required.

✠ See the *Observations* concerning *SAW-YERS Work*, on Page lxii.

THE
U S E
OF THE
TABLE
OF
Superficial or Flat
MEASURE,
When applied to
Glaziers Work
Of all Kinds.

EXAMPLE I.

IN a Window of leaded Glass, which has three Lights in it, each Light being 3 Feet long, and 15 Inches and $\frac{1}{4}$ broad, I desire to know how many Feet there is of Glazing?

First add the *Length* of the Three Lights together, which make 9 Feet; then look in the Table for 15 Inches, and $\frac{1}{4}$ the *Breadth*, and against 9 Feet (the *Length*) you will find 11 : 5 : 3, which is 11 Feet, 5 Inches, and 3 Twelfth Parts, or a Quarter of an Inch; and that is the *Content* of the Three Lights required.

EXAMPLE II.

In Four Windows (of leaded Glass) each Window having two Lights,

lvi *The Use of the Table in*

Lights, and each Light being 3 Feet, 6 Inches, and $\frac{3}{4}$ long, and 17 Inches, $\frac{3}{4}$ broad. I demand how many Feet there is of Glazing?

First the *Length* of all the 8 Lights must be *added* together, which make 28 Feet, and 6 Inches; then look in the Table for 17 Inches, and $\frac{3}{4}$ the *Breadth*.

But since the Table does not extend to 28 Feet the Length, you must take the Answer out at Thrice, viz.

| | F. | I. | P. | S. |
|--|----|----|----|----|
| 20 Feet long, and 17 Inches $\frac{3}{4}$, the Breadth, is | 29 | 07 | 00 | 00 |
| 8 Feet long, and 17 Inches $\frac{3}{4}$, the Breadth, is | 11 | 10 | 00 | 00 |
| 6 Inches long, and 17 Inches $\frac{3}{4}$, the Breadth, is | 00 | 08 | 10 | 06 |

The Content required 42 01 10 6

So that 4 Windows, each having two Lights, and each Light being 3 Feet, 6 Inches, and $\frac{3}{4}$ long, and 17 Inches and $\frac{3}{4}$ wide, contain 42 Feet, 1 Inch, 10 Parts, and 6 Seconds of Glazing.

N. B. If you have any Quarters of an Inch in the Length, they must be found at the Bottom of the Table, and added as the Inches are in this Example II.

To measure Sash-Squares, this Table is also very useful.

EXAMPLE III.

In a Sash-Window that has 12 Squares of Glass (i. e. is 4 high, and 3 broad) each Square being 10 Inches high, and 8 Inches, and $\frac{1}{4}$ broad. I would know how many Feet of Glass it contains?

First

First *add* together the *Height* of the 12 *Squares*, which make 10 *Feet*; then look in the *Table* for 8 *Inches* and $\frac{1}{4}$ the *Breadth*, and against 10 *Feet* (the *Length*) is 6 *Feet*, 10 *Inches*, and 6 *Twelfth* *Parts*, or *Half* an *Inch*; which is the *Quantity* of *Glass* in the said *Sash-Window*.

N. B. If you have any *odd Inches*, or *Quarters* of an *Inch* in the *Length*, you must proceed as in *Example II*.

EXAMPLE IV.

In a *Sash-Window* having 18 *Squares*, each *Square* being 20 *Inches* high, and 11 *Inches*, and $\frac{3}{4}$ broad. I would know how many *Feet* of *Glass* are therein?

First *add* together the *Height* of the 18 *Squares*, which is 360 *Inches* (or 30 *Feet*;) then look in the *Table* for 11 *Inches* and $\frac{3}{4}$ the *Breadth*.

But since the *Table* does not extend to 30 *Feet* the *Length*, you must take the *Answer* out at twice, viz.

| | F. | I. | P. |
|---|----|----|----|
| 20 Feet long, and 11 Inches } $\frac{3}{4}$, in Breadth, is | 19 | 7 | 0 |
| 10 Feet long, and 11 Inches } $\frac{3}{4}$, in Breadth, is | | | |
| | 09 | 9 | 0 |

The *Content* required is 29 4 6

So that a *Sash-Window* that hath 18 *Squares*, each *Square* being 20 *Inches* high, and 11 *Inches* and $\frac{3}{4}$ wide, contains 29 *Feet*, 4 *Inches*, and a *Half* of *Glass*.

lviii *The Use of the Table in*

Observe that for the Generality, Sash Windows have either 12, or 18 Squares each; and in such a Case the Quantities are more easily and expeditiously found by the following Method.

When a Window hath 12 Squares, the Inches in Height are to be conceived so many Feet in Length, as will more plainly appear by re-considering the foregoing EXAMPLE III. where the 12 Squares were each of them 10 Inches high, and consequently, when added together, made 10 Feet in Length; so that by this Method of conceiving the Inches in Height, to be Feet, the Trouble and Time in adding the 12 together, is hereby saved, and the Question more easily answered.

Again; When a Window hath 18 Squares in it, if you conceive the Height in Inches to be Feet, and take the Content as given by the Table, and the Half of that Content, and these added together, will be the Quantity; and this Method will be very serviceable (if rightly understood;) for by this Means you will rarely exceed the Extent of the Table (few Squares being more than 24 Inches high, the Bounds of the Table in Feet) as for Instance;

In EXAMPLE IV. where the Height of each Square was 20 Inches, and 11 Inches and $\frac{3}{4}$ broad, look in the Table for 11 Inches and $\frac{3}{4}$, and against 20 Feet long (i. e. Inches high) is 19 Feet, 7 Inches,

measuring Glaziers Work. *fix*

Inches, *Half* of which is 9 Feet, 9 Inches, and a *Half*, and these being *added* together, make 29 Feet, 4 Inches, and a *Half*, which was the *Content* as given before.

Many more *Examples* might be added to illustrate this *RULE*, but a little Application and Practice will make it very easy and familiar.

A TABLE of English Measures, and Quantities, used in Building.

A Square Foot, is 144 *square* Inches.

A cubical Foot, is 1728 *cubical* Inches.

A square Yard, is 9 *square* Feet.

A cubical Yard, is 27 *cubical* Feet.

A Square is 100 *square* Feet.

A Load of *rough* Timber, is 40 Feet.

A Load of *squared* Timber, is 50 Feet.

A Load of 1 Inch Plank, is 600 *square* Feet.

A Load of $1\frac{1}{2}$ Inch Plank, is 400 *square* Feet.

A Load of 2 Inch Plank, is 300 *square* Feet.

A Load of $2\frac{1}{2}$ Inch Plank, is 240 *square* Feet.

A Load of 3 Inch Plank, is 200 *square* Feet.

A Load of $3\frac{1}{2}$ Inch Plank, is 170 *square* Feet.

A Load of 4 Inch Plank, is 150 *square* Feet.

A Load of *Statute* Bricks, is 500.

ix *A Table of Measures.*

A Load of *plain Tiles*, is 1000.

A Load of *Lime*, is 32 *Busbels*.

A Load of *Sand*, is 36 *Busbels*.

A Hundred of *Lime*, is 35 *Busbels*.

A Hundred of *Deals*, is 120.

A Bundle of 4 Feet *Oak-Heart-Laths*, is 120, and $37\frac{1}{2}$ Bundles is a Load.

A Bundle of 5 Feet *Oak-Heart-Laths*, is 100, and 30 Bundles is a Load.

N. B. Fir or Deal Laths, are of divers *Lengths*, as 3, 4, 5, and 6 Feet; but all of them are reduced to the *Standard Length* of 5 Feet; and so every Run of Bundles (each *Bundle* containing 100 Laths) is a *Load*, being equal to 30 *Bundles* of 5 Feet.

A Hundred of *Nails*, is 120.

A Thousand of *Nails*, is 1200.

A Ton of *Iron*, is 2240 *Pound-Weight*.

A Fodder of *Lead*, is 19 Hundred $\frac{1}{2}$, or 2184 *Pound*.

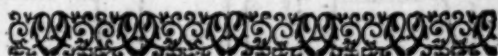
A Hundred of *Lead*, is 112 *Pound-Weight*.

A Table of *Glass*, is 5 Feet, and 45 Tables is a Case; but of *NEWCASTLE*, and *NORMANDY Glass*, 25 Tables is a Case.



SOME
OBSERVATIONS
CONCERNING
TIMBER,
Sawed into
BOARDS or PLANKS.

And also,
Concerning *Sawyers Work*, and
the usual Method of measuring
them: With some Account of
the LONDON *Prices of Sawyers
Work*.



THE following Figure 1, and Figure 2, are intended to represent two different shaped BOARDS, or PLANKS, each 6 Feet long, each 10 Inches broad at the Butt, and each 8 Inches broad at the Top; the dotted Lines, shew how they each differ from such Boards, or Planks, as are strait sided.

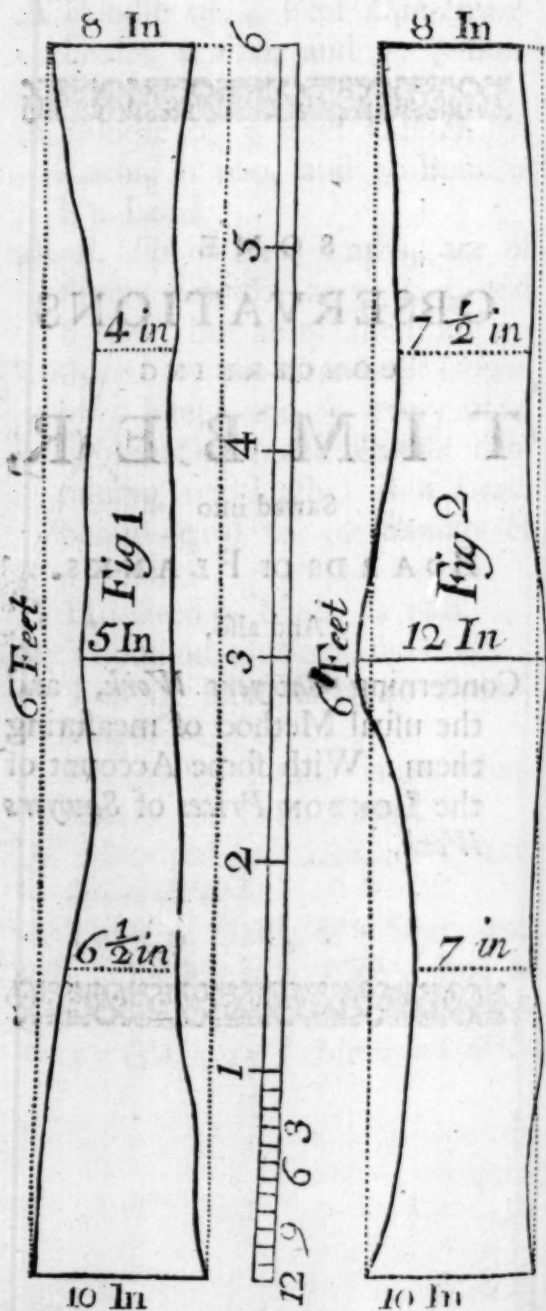


FIG. 1, you see measures 5 Inches in the Middle, which look for in the Table, and

and at 6 Feet the *Length*, you find it contains 2 Feet 6 Inches, according to the *customary Way* of measuring.

Fig. 2. You see measures 12 Inches in the middle, which look for in the Table, and at 6 Feet the *Length*, you find it contains 6 Feet, according to the *customary Way* of measuring. So that it is evident, that of two Boards, or Planks, of the same *Length*, and of the same *Breadth* at *Butt*, and *Top*, according as the *Middle* runs, one shall contain *Three superficial Feet, and an Half*, more or less, than the other.

FIG. 1. by Two Dimensions.

Let us now suppose Fig. 1. to be cut in the Middle, and to be measured by *two Dimensions*: The *Middle* of the *bottom Part* measures 6 Inches and a Half, which look for in the Table, and at 3 Feet the *Length*, you find it contains 1 Foot, 7 Inches and a Half (or 6 Parts). The *Middle* of the *Top Part* is 4 Inches, which look for in the Table, and at 3 Feet the *Length*, you will find it contains just 1 Foot; these added together, make the whole to be 2 Feet, 7 Inches, and a Half; so that there is only 1 superficial Inch, and a Half, gained or lost, by measuring Fig. 1. by one or two Dimensions.

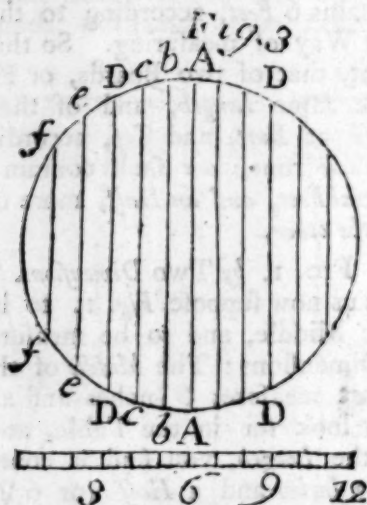
FIG. 2. by Two Dimensions.

Let us now measure Fig. 2. by *Two Dimensions*: The *Middle* of the *bottom Part* measures 7 Inches, which look for in the Table, and at 3 Feet, the *Length*, you will find it contains 1 Foot, 9 Inches; the *Middle* of the *top Part* is $7\frac{1}{2}$ Inches, which, by the Table at 3 Feet the *Length*, is 1 Foot, 10 Inches, and a Half; and these added together (instead of making 6 Feet as before) make the whole to contain no more than 3 Feet, 7 Inches, and a Half; which is 2 Feet, 4 Inches, and a Half less than it measured to, when measured by one Dimension.

And if we suppose, Fig. 2. to be a fine Walnut-tree, two Inch Plank, at 12 d. per Foot; if measured by one Dimension, it comes to 6 s. but if it be measured by two Dimensions, it comes (at the same Price) to no more than 3 s. 7 d. $\frac{1}{2}$, which is 2 s. 4 d. $\frac{1}{2}$ Loss.

THE

THE following CUT, Fig. 3, is intended to represent the END of a strait Piece of round Timber, 12 Inches Diameter, at each END, and 6 Feet long.



AA. Shews what is commonly called *Sawyers Measure*, for which, at LONDON, there is usually paid 3 s. for OAK, per 100 Feet, *Superficial Measure*.

DD. Shews what is commonly called *Market Measure* (and which is the truest) for which at LONDON, there is usually paid 3 s. 6 d. for Oak, per 100 Feet, *Superficial Measure*.

The first Column in the following Table, shews the DIAMETER; the Second the SUPERFICIAL Content; and the Third, what is lost per each Cut, or Board, if you pay for them all per *Sawyer's Measure*.

| The Diameter, or Breadth of each Cut, | Superficial Content of each Cut or Board, | | | Lost per each Cut, | | |
|---------------------------------------|---|-----|---------------|--------------------|-----|----|
| | Ft. | In. | P. | Ft. | In. | P. |
| AA | 1 | 0 | 0 | 6 | 0 | 0 |
| bb | 0 | 11 | $\frac{3}{4}$ | 5 | 10 | 6 |
| cc | 0 | 11 | $\frac{1}{2}$ | 5 | 9 | 0 |
| DD | 0 | 10 | $\frac{3}{4}$ | 5 | 4 | 6 |
| ee | 0 | 9 | 0 | 4 | 6 | 0 |
| ff | 0 | 7 | 0 | 3 | 6 | 0 |

6/31 - - - 5 - - - At
502

At LONDON, the Sawyers cut Timber at the following Prices.

OAK, from 3 s. to 3 s. 6 d. per 100 Feet, *Superficial Measure*; or 7 s. per Load, of 50 solid Feet.

ASH, from 5 s. to 6 s. per 100 Feet, *Superficial Measure*; or from 8 s. to 12 s. per Load, of 50 solid Feet.

FIR, from 3 s. to 4 s. per 100 Feet, *Superficial Measure*; or 6 s. per Load, of 50 solid Feet.

What are called *DEALS*, are sawed *Abroad*; but for *slitting 10 Feet Deals*, there is usually paid in LONDON, 2 s. 6 d. per Dozen, or 2 d. $\frac{1}{2}$, per Cut; and for 12 Feet Deals, 3 s. per Dozen, or 3 d. per Cut.

MAHOGONY, from 5 s. to 8 s. per 100 Feet, *Superficial Measure*.

WALNUT-TREE, from 5 s. to 7 s. per 100 Feet, *Superficial Measure*.

ELM, from 2 s. 6 d. to 5 s. per 100 Feet, *Superficial Measure*.

N. B. Mahogany, Wall-nut-Tree, and Elm, are never cut by the Load.

N. B. BEECH is commonly used for *Bedsteads, Chairs, Table Frames, &c.* and is generally cut in the Country.

N. B. The Difference in the Prices of sawing the *same* foregoing Woods, arises from the *valuableness* and *fineness* of the Timber and sawing.

☞ No *Planking*, less than 2 Inches thick, is cut by the Load: In Case it is thinner than 2 Inches thick, it is measured by the 100 Feet *Superficial Measure*.

N. B. By Custom, the Sawyers at London have one Piece with another, as they shall happen to fall out, as much per Load for breaking down, or cutting a Piece of Timber into large Scantlings, as they have for breaking it down, or cutting it into small Scantlings; viz. they will cut a Piece of Timber, a Foot square, of any Length, into 2 Scantlings of 12 Inches, by 6 Inches; or into 4 Scantlings of 6 Inches

6 Inches, by 6 Inches; or into 12 Scantlings of 4 Inches, by 3 Inches, all at one and the same Price, or for the same Money. And the Reason they give for this Practice is, where the Stuff proves *fine*, it is seldom, or never, the Interest of the Owner, to have it cut into *small* Scantlings.

N. B. Having occasionally made Use of the Terms, *Lineal*, *Running*, *Superficial*, and *Solid*, or *Cubical* Measure, in the foregoing Pages; it may not be amiss here to explain them.

Lineal Measure regards only the *Length*, but has no Regard to the *Breadth*, or *Thickness*.

Running Measure is the same as *Lineal*.

Superficial Measure regards the *Length* and *Breadth*.

Solid, or *Cubical* Measure, regards the *Length*, *Breadth*, and *Thickness*.

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A NEW
TABLE

For the Finding at Sight the

S Q U A R E

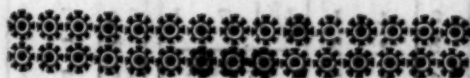
Of *Unequal-Sided*

TIMBER, STONE, &c.

Ready cast up;

Whereby the true *Square* of any
Piece of *Timber, Stone, &c.*
being broader *one way* than
the other, may be found,
from 2 to 54 *Inches* the
broadest Side.

And therefore, by *Addition* only, may
serve to any *greater Breadth*, if there
should ever be *Occasion*.



| | | | | | | | | |
|----------------------|---|---|----------------------|---|---|-------------|---|---|
| 2 Inch Sqr. | | | 12 | 5 | 2 | 7 | 5 | 0 |
| 2 | 2 | 1 | 2 | 5 | 2 | 2 | 5 | 0 |
| 3 | 2 | 2 | 13 | 5 | 3 | 8 | 5 | 1 |
| 2 | 2 | 3 | 2 | 5 | 3 | 2 | 5 | 2 |
| 4 | 2 | 3 | 14 | 6 | 0 | 9 | 5 | 2 |
| 2 | 3 | 0 | 2 | 6 | C | 2 | 5 | 3 |
| 5 | 3 | 1 | 15 | 6 | 1 | 10 | 6 | 0 |
| 2 | 3 | 2 | 2 | 6 | 1 | 2 | 6 | 0 |
| 6 | 3 | 2 | 16 | 6 | 1 | 11 | 6 | 1 |
| 2 | 3 | 3 | 2 | 6 | 2 | 2 | 6 | 1 |
| 7 | 3 | 3 | 17 | 6 | 2 | 12 | 6 | 2 |
| 2 | 3 | 3 | 2 | 6 | 2 | 2 | 6 | 2 |
| 8 | 4 | 0 | 18 | 6 | 3 | 13 | 6 | 3 |
| 2 | 4 | 0 | 3 Inch Sqr. | | | 2 | 7 | 0 |
| 9 | 4 | 1 | 2 | 3 | 1 | 14 | 7 | 0 |
| 2 | 4 | 1 | 4 | 3 | 2 | 2 | 7 | 0 |
| 10 | 4 | 2 | 2 | 3 | 3 | 15 | 7 | 1 |
| 2 | 4 | 2 | 2 | 3 | 3 | 2 | 7 | 1 |
| 11 | 4 | 3 | 5 | 3 | 3 | 16 | 7 | 2 |
| 2 | 4 | 3 | 2 | 4 | 0 | 2 | 7 | 2 |
| 12 | 5 | 0 | 6 | 4 | 1 | 17 | 7 | 3 |
| 2 | 5 | 0 | 2 | 4 | 1 | 2 | 7 | 3 |
| 13 | 5 | 1 | 7 | 4 | 2 | 18 | 8 | 0 |
| 2 | 5 | 1 | 2 | 4 | 3 | 4 Inch Sqr. | | |
| 14 | 5 | 1 | 8 | 4 | 3 | 2 | 4 | 1 |
| 2 | 5 | 2 | 2 | 5 | 0 | 5 | 4 | 2 |
| 15 | 5 | 2 | 9 | 5 | 1 | 2 | 4 | 3 |
| 2 | 5 | 2 | 2 | 5 | 1 | 6 | 5 | 0 |
| 16 | 5 | 3 | 10 | 5 | 2 | 2 | 5 | 0 |
| 2 | 5 | 3 | 2 | 5 | 2 | 7 | 5 | 1 |
| 17 | 5 | 3 | 11 | 5 | 3 | 2 | 5 | 2 |
| 2 | 6 | 0 | 2 | 6 | 0 | 8 | 5 | 2 |
| 18 | 6 | 0 | 12 | 6 | 0 | 2 | 5 | 3 |
| 2 $\frac{1}{2}$ Sqr. | | | 2 | 6 | 1 | 9 | 6 | 0 |
| 3 | 2 | 3 | 13 | 6 | 1 | 2 | 6 | 1 |
| 2 | 3 | 0 | 2 | 6 | 2 | 10 | 6 | 1 |
| 4 | 3 | 1 | 14 | 6 | 2 | 2 | 6 | 2 |
| 2 | 3 | 2 | 2 | 6 | 3 | 11 | 6 | 3 |
| 5 | 3 | 2 | 15 | 6 | 3 | 2 | 6 | 3 |
| 2 | 3 | 3 | 2 | 6 | 3 | 12 | 7 | 0 |
| 6 | 3 | 3 | 16 | 7 | 0 | 2 | 7 | 0 |
| 2 | 4 | 0 | 2 | 7 | 0 | 13 | 7 | 1 |
| 7 | 4 | 1 | 17 | 7 | 1 | 2 | 7 | 1 |
| 2 | 4 | 1 | 2 | 7 | 1 | 14 | 7 | 2 |
| 8 | 4 | 2 | 18 | 7 | 1 | 2 | 7 | 2 |
| 2 | 4 | 2 | 3 $\frac{1}{2}$ Sqr. | | | 15 | 7 | 3 |
| 9 | 4 | 3 | 4 | 3 | 3 | 2 | 7 | 3 |
| 2 | 4 | 3 | 2 | 3 | 3 | 16 | 8 | 0 |
| 10 | 5 | 0 | 5 | 4 | 0 | 2 | 8 | 1 |
| 2 | 5 | 0 | 2 | 4 | 1 | 17 | 8 | 1 |
| 11 | 5 | 1 | 6 | 4 | 2 | 2 | 8 | 1 |
| 2 | 5 | 1 | 2 | 4 | 3 | 18 | 8 | 2 |

Unequal-Sided TIMBER, &c. 3

| 4½ Square. | | | 17 | 9 | 1 | 17 | 10 | 0 |
|-------------|---|---|-------------|----|---|-------------|----|---|
| 5 | 4 | 3 | 2 | 9 | 1 | 2 | 10 | 1 |
| 2 | 5 | 0 | 18 | 9 | 2 | 18 | 10 | 2 |
| 5½ Square. | | | 6½ Square. | | | | | |
| 6 | 5 | 3 | 7 | 6 | 3 | 7 | 6 | 3 |
| 2 | 6 | 0 | 2 | 6 | 0 | 2 | 7 | 0 |
| 7 | 5 | 2 | 7 | 6 | 1 | 8 | 7 | 1 |
| 2 | 5 | 3 | 2 | 6 | 2 | 2 | 7 | 2 |
| 8 | 6 | 0 | 8 | 6 | 3 | 9 | 7 | 3 |
| 2 | 6 | 1 | 2 | 6 | 3 | 2 | 7 | 3 |
| 9 | 6 | 1 | 9 | 7 | 0 | 10 | 8 | 0 |
| 2 | 6 | 2 | 2 | 7 | 1 | 2 | 8 | 1 |
| 10 | 6 | 3 | 10 | 7 | 2 | 11 | 8 | 2 |
| 2 | 6 | 3 | 2 | 7 | 2 | 2 | 8 | 3 |
| 11 | 7 | 0 | 11 | 7 | 3 | 12 | 8 | 3 |
| 2 | 7 | 1 | 2 | 8 | 0 | 2 | 9 | 0 |
| 12 | 7 | 1 | 12 | 8 | 0 | 13 | 9 | 1 |
| 2 | 7 | 2 | 2 | 8 | 1 | 2 | 9 | 1 |
| 13 | 7 | 3 | 13 | 8 | 2 | 14 | 9 | 2 |
| 2 | 7 | 3 | 2 | 8 | 2 | 2 | 9 | 3 |
| 14 | 8 | 0 | 14 | 8 | 3 | 15 | 10 | 0 |
| 2 | 8 | 0 | 2 | 9 | 0 | 2 | 10 | 0 |
| 15 | 8 | 1 | 15 | 9 | 0 | 16 | 10 | 1 |
| 2 | 8 | 1 | 2 | 9 | 1 | 2 | 10 | 1 |
| 16 | 8 | 2 | 16 | 9 | 2 | 17 | 10 | 2 |
| 2 | 8 | 2 | 2 | 9 | 2 | 2 | 10 | 3 |
| 17 | 8 | 3 | 17 | 9 | 3 | 18 | 10 | 3 |
| 2 | 8 | 3 | 2 | 9 | 3 | | | |
| 18 | 9 | 0 | 18 | 10 | 0 | | | |
| 5 Inch Sqr. | | | 6 Inch Sqr. | | | 7 Inch Sqr. | | |
| 2 | 5 | 1 | 2 | 6 | 1 | 2 | 7 | 1 |
| 6 | 5 | 2 | 7 | 6 | 2 | 8 | 7 | 2 |
| 2 | 5 | 3 | 2 | 6 | 3 | 2 | 7 | 3 |
| 7 | 6 | 0 | 8 | 7 | 0 | 9 | 8 | 0 |
| 2 | 6 | 0 | 2 | 7 | 1 | 2 | 8 | 1 |
| 8 | 6 | 1 | 10 | 7 | 3 | 11 | 8 | 3 |
| 2 | 6 | 2 | 2 | 7 | 2 | 2 | 9 | 0 |
| 9 | 6 | 3 | 11 | 8 | 0 | 12 | 9 | 1 |
| 2 | 6 | 3 | 2 | 8 | 1 | 2 | 9 | 1 |
| 10 | 7 | 0 | 12 | 8 | 2 | 13 | 9 | 2 |
| 2 | 7 | 1 | 2 | 8 | 3 | 2 | 9 | 3 |
| 11 | 7 | 2 | 13 | 8 | 3 | 14 | 10 | 0 |
| 2 | 7 | 2 | 2 | 9 | 0 | 2 | 10 | 0 |
| 12 | 7 | 3 | 14 | 9 | 1 | 15 | 10 | 1 |
| 2 | 8 | 0 | 2 | 9 | 1 | 2 | 10 | 2 |
| 13 | 8 | 0 | 15 | 9 | 2 | 16 | 10 | 2 |
| 2 | 8 | 1 | 2 | 9 | 2 | 2 | 10 | 3 |
| 14 | 8 | 1 | 16 | 9 | 3 | 17 | 11 | 0 |
| 2 | 8 | 2 | 2 | 9 | 3 | 2 | 11 | 0 |
| 15 | 8 | 3 | 17 | 10 | 0 | 18 | 11 | 1 |
| 2 | 8 | 3 | | | | | | |
| 16 | 9 | 0 | | | | | | |
| 2 | 9 | 1 | | | | | | |

4 The SQUARE of

| 7½ Square. | | | 13 | 10 | 2 | 10 In. Sqr. | | |
|-------------|----|---|-------------|----|---|-------------|----|---|
| 8 | 7 | 3 | 2 | 10 | 3 | 2 | 10 | 1 |
| 2 | 8 | 0 | 14 | 11 | 0 | 11 | 10 | 2 |
| 9 | 8 | 1 | 2 | 11 | 0 | 2 | 10 | 3 |
| 2 | 8 | 2 | 15 | 11 | 1 | 12 | 11 | 0 |
| 10 | 8 | 3 | 2 | 11 | 2 | 2 | 11 | 1 |
| 2 | 8 | 3 | 16 | 11 | 3 | 13 | 11 | 2 |
| 11 | 9 | 0 | 2 | 11 | 3 | 2 | 11 | 2 |
| 2 | 9 | 1 | 17 | 12 | 0 | 14 | 11 | 3 |
| 12 | 9 | 2 | 2 | 12 | 1 | 2 | 12 | 0 |
| 2 | 9 | 3 | 18 | 12 | 1 | 15 | 12 | 1 |
| 13 | 9 | 3 | | | | 2 | 12 | 2 |
| 2 | 10 | 0 | 9 Inch Sqr. | | | 16 | 12 | 3 |
| 14 | 10 | 1 | 2 | 9 | 1 | 2 | 12 | 3 |
| 2 | 10 | 2 | 10 | 9 | 2 | 17 | 13 | 0 |
| 15 | 10 | 2 | 2 | 9 | 3 | 2 | 13 | 1 |
| 2 | 10 | 3 | 11 | 10 | 0 | 18 | 13 | 2 |
| 16 | 11 | 0 | 2 | 10 | 1 | 2 | 13 | 2 |
| 2 | 11 | 0 | 12 | 10 | 2 | 19 | 13 | 3 |
| 17 | 11 | 1 | 2 | 10 | 2 | 2 | 14 | 0 |
| 2 | 11 | 2 | 13 | 10 | 3 | 20 | 14 | 1 |
| 18 | 11 | 2 | 2 | 11 | 0 | 10½ Sqr. | | |
| 8 Inch Sqr. | | | 14 | 11 | 1 | 11 | 10 | 3 |
| 2 | 8 | 1 | 2 | 11 | 2 | 2 | 11 | 0 |
| 9 | 8 | 2 | 15 | 11 | 2 | 12 | 11 | 1 |
| 2 | 8 | 3 | 2 | 11 | 3 | 2 | 11 | 2 |
| 10 | 9 | 0 | 16 | 12 | 0 | 13 | 11 | 3 |
| 2 | 9 | 1 | 2 | 12 | 1 | 2 | 12 | 0 |
| 11 | 9 | 2 | 17 | 12 | 1 | 14 | 12 | 0 |
| 2 | 9 | 2 | 2 | 12 | 2 | 2 | 12 | 1 |
| 12 | 9 | 3 | 18 | 12 | 3 | 15 | 12 | 2 |
| 2 | 10 | 0 | | | | 2 | 12 | 3 |
| 13 | 10 | 1 | 9½ Square. | | | 16 | 13 | 0 |
| 2 | 10 | 2 | 10 | 9 | 3 | 2 | 13 | 1 |
| 14 | 10 | 2 | 2 | 10 | 0 | 17 | 13 | 1 |
| 2 | 10 | 3 | 11 | 10 | 1 | 2 | 13 | 2 |
| 15 | 11 | 0 | 2 | 10 | 2 | 18 | 13 | 3 |
| 2 | 11 | 1 | 12 | 10 | 3 | 2 | 14 | 0 |
| 16 | 11 | 1 | 2 | 11 | 0 | 19 | 14 | 0 |
| 2 | 11 | 2 | 13 | 11 | 0 | 2 | 14 | 1 |
| 17 | 11 | 3 | 2 | 11 | 1 | 20 | 14 | 2 |
| 2 | 11 | 3 | 14 | 11 | 2 | 2 | 14 | 3 |
| 18 | 12 | 0 | 2 | 11 | 3 | 21 | 14 | 3 |
| 8½ Square. | | | 15 | 12 | 0 | 11 In. Sqr. | | |
| 9 | 8 | 3 | 2 | 12 | 1 | 2 | 11 | 1 |
| 2 | 9 | 0 | 16 | 12 | 1 | 12 | 11 | 2 |
| 10 | 9 | 1 | 2 | 12 | 2 | 2 | 11 | 3 |
| 2 | 9 | 2 | 17 | 12 | 3 | 13 | 12 | 0 |
| 11 | 9 | 3 | 2 | 13 | 0 | 2 | 12 | 1 |
| 2 | 10 | 0 | 18 | 13 | 0 | 14 | 12 | 2 |
| 12 | 10 | 0 | 2 | 13 | 1 | 2 | 12 | 3 |
| 2 | 10 | 1 | 19 | 13 | 2 | | | |

Unequal-Sided Timber, &c.

5

| | | | | | | | | |
|-----------------------|----|---|-----------------------|----|---|-----------------------|----|---|
| 15 | 12 | 3 | 18 | 14 | 3 | 19 | 15 | 2 |
| 2 | 13 | 0 | 2 | 15 | 0 | 2 | 15 | 3 |
| 16 | 13 | 1 | 19 | 15 | 0 | 20 | 16 | 0 |
| 2 | 13 | 2 | 2 | 15 | 1 | 2 | 16 | 1 |
| 17 | 13 | 3 | 20 | 15 | 2 | 21 | 16 | 2 |
| 2 | 13 | 3 | 2 | 15 | 3 | 2 | 16 | 3 |
| 18 | 14 | 0 | 21 | 15 | 3 | 22 | 17 | 0 |
| 2 | 14 | 1 | 2 | 16 | 0 | 2 | 17 | 0 |
| 19 | 14 | 2 | 22 | 16 | 1 | 23 | 17 | 1 |
| 2 | 14 | 3 | 2 | 16 | 2 | 2 | 17 | 2 |
| 20 | 14 | 3 | 23 | 16 | 3 | 24 | 17 | 3 |
| 2 | 15 | 0 | 2 | 16 | 3 | 2 | 17 | 3 |
| 21 | 15 | 1 | 24 | 17 | 0 | 25 | 18 | 0 |
| 2 | 15 | 1 | <hr/> | | | 2 | 18 | 1 |
| 22 | 15 | 2 | 12 $\frac{1}{2}$ Sqr. | | | 26 | 18 | 2 |
| <hr/> | | | 13 | 12 | 3 | <hr/> | | |
| 11 $\frac{1}{2}$ Sqr. | | | 2 | 13 | 0 | 13 $\frac{1}{2}$ Sqr. | | |
| 12 | 11 | 3 | 14 | 13 | 1 | 14 | 13 | 3 |
| 2 | 12 | 0 | 2 | 13 | 2 | 2 | 14 | 0 |
| 13 | 12 | 0 | 15 | 13 | 3 | 15 | 14 | 1 |
| 2 | 12 | 1 | 2 | 14 | 0 | 2 | 14 | 2 |
| 14 | 12 | 2 | 16 | 14 | 1 | 16 | 14 | 3 |
| 2 | 12 | 3 | 2 | 14 | 1 | 2 | 15 | 0 |
| 15 | 13 | 0 | 17 | 14 | 2 | 17 | 15 | 1 |
| 2 | 13 | 1 | 2 | 14 | 3 | 2 | 15 | 1 |
| 16 | 13 | 2 | 18 | 15 | 0 | 18 | 15 | 2 |
| 2 | 13 | 3 | 2 | 15 | 0 | 2 | 15 | 3 |
| 17 | 14 | 0 | 19 | 15 | 1 | 19 | 16 | 0 |
| 2 | 14 | 1 | 2 | 15 | 2 | 2 | 16 | 1 |
| 18 | 14 | 2 | 20 | 15 | 3 | 20 | 16 | 2 |
| 2 | 14 | 2 | 2 | 16 | 0 | 2 | 16 | 3 |
| 19 | 14 | 3 | 21 | 16 | 1 | 21 | 16 | 3 |
| 2 | 15 | 0 | 2 | 16 | 2 | 2 | 17 | 0 |
| 20 | 15 | 1 | 22 | 16 | 2 | 22 | 17 | 1 |
| 2 | 15 | 1 | 2 | 16 | 3 | 2 | 17 | 2 |
| 21 | 15 | 2 | 23 | 17 | 0 | 23 | 17 | 2 |
| 2 | 15 | 3 | 2 | 17 | 1 | 2 | 17 | 3 |
| 22 | 16 | 0 | 24 | 17 | 1 | 24 | 18 | 0 |
| 2 | 16 | 0 | 2 | 17 | 2 | 2 | 18 | 1 |
| 23 | 16 | 1 | 25 | 17 | 3 | 25 | 18 | 1 |
| <hr/> | | | <hr/> | | | 2 | 18 | 2 |
| 12 In. Sqr. | | | 13 In. Sqr. | | | 26 | 18 | 3 |
| 2 | 12 | 1 | 2 | 13 | 1 | 2 | 19 | 0 |
| 13 | 12 | 2 | 14 | 13 | 2 | 27 | 19 | 0 |
| 2 | 12 | 3 | 2 | 13 | 3 | <hr/> | | |
| 14 | 13 | 0 | 15 | 14 | 0 | 14 In. Sqr. | | |
| 2 | 13 | 1 | 2 | 14 | 1 | 2 | 14 | 1 |
| 15 | 13 | 2 | 16 | 14 | 2 | 15 | 14 | 2 |
| 2 | 13 | 3 | 2 | 14 | 3 | 2 | 14 | 3 |
| 16 | 13 | 3 | 17 | 14 | 3 | 16 | 15 | 0 |
| 2 | 14 | 0 | 2 | 15 | 0 | 2 | 15 | 1 |
| 17 | 14 | 1 | 18 | 15 | 1 | 17 | 15 | 2 |
| 2 | 14 | 2 | 2 | 15 | 2 | 2 | 15 | 3 |

| | | | | | | | | |
|-----------------------|----|---|-----------------------|----|---|-----------------------|----|---|
| 18 | 16 | 0 | 15 | 15 | 1 | 26 | 20 | 0 |
| 2 | 16 | 1 | 2 | 15 | 1 | 2 | 20 | 1 |
| 19 | 16 | 2 | 16 | 15 | 2 | 27 | 20 | 2 |
| 2 | 16 | 3 | 2 | 15 | 3 | 2 | 20 | 3 |
| 20 | 16 | 3 | 17 | 16 | 0 | 28 | 20 | 3 |
| 2 | 17 | 0 | 2 | 16 | 1 | 2 | 21 | 0 |
| 21 | 17 | 1 | 18 | 16 | 2 | 29 | 21 | 1 |
| 2 | 17 | 1 | 2 | 16 | 3 | 2 | 21 | 2 |
| 22 | 17 | 2 | 19 | 17 | 0 | 30 | 21 | 3 |
| 2 | 17 | 3 | 2 | 17 | 0 | 2 | 21 | 3 |
| 23 | 18 | 0 | 20 | 17 | 1 | 31 | 22 | 0 |
| 2 | 18 | 1 | 2 | 17 | 2 | 16 ln. Sqr. | | |
| 24 | 18 | 1 | 21 | 17 | 3 | 2 | 16 | 1 |
| 2 | 18 | 2 | 2 | 18 | 0 | 17 | 16 | 2 |
| 25 | 18 | 3 | 22 | 18 | 1 | 2 | 16 | 3 |
| 2 | 19 | 0 | 2 | 18 | 1 | 18 | 17 | 0 |
| 26 | 19 | 0 | 23 | 18 | 2 | 2 | 17 | 1 |
| 2 | 19 | 1 | 2 | 18 | 3 | 19 | 17 | 2 |
| 27 | 19 | 2 | 24 | 19 | 0 | 2 | 17 | 3 |
| 2 | 19 | 2 | 2 | 19 | 1 | 20 | 18 | 0 |
| 28 | 19 | 3 | 25 | 19 | 1 | 2 | 18 | 0 |
| 14 $\frac{1}{2}$ Sqr. | | | 2 | 19 | 2 | 21 | 18 | 1 |
| 15 | 14 | 3 | 26 | 19 | 3 | 2 | 18 | 2 |
| 2 | 15 | 0 | 2 | 20 | 0 | 22 | 18 | 3 |
| 16 | 15 | 1 | 27 | 20 | 1 | 2 | 19 | 0 |
| 2 | 15 | 2 | 2 | 20 | 1 | 23 | 19 | 1 |
| 17 | 15 | 3 | 28 | 20 | 2 | 2 | 19 | 2 |
| 2 | 16 | 0 | 2 | 20 | 3 | 24 | 19 | 2 |
| 18 | 16 | 1 | 29 | 20 | 3 | 2 | 19 | 3 |
| 2 | 16 | 2 | 2 | 21 | 0 | 25 | 20 | 0 |
| 19 | 16 | 2 | 30 | 21 | 1 | 2 | 20 | 1 |
| 2 | 16 | 3 | 15 $\frac{1}{2}$ Sqr. | | | 2 | 20 | 2 |
| 20 | 17 | 0 | 16 | 15 | 3 | 2 | 20 | 2 |
| 2 | 17 | 1 | 2 | 16 | 0 | 27 | 20 | 3 |
| 21 | 17 | 2 | 17 | 16 | 1 | 2 | 21 | 0 |
| 2 | 17 | 3 | 2 | 16 | 2 | 28 | 21 | 1 |
| 22 | 17 | 3 | 18 | 16 | 3 | 2 | 21 | 1 |
| 2 | 18 | 0 | 2 | 17 | 0 | 29 | 21 | 2 |
| 23 | 18 | 1 | 19 | 17 | 1 | 2 | 21 | 3 |
| 2 | 18 | 2 | 2 | 17 | 2 | 30 | 22 | 0 |
| 24 | 18 | 3 | 20 | 17 | 2 | 2 | 22 | 0 |
| 2 | 18 | 3 | 2 | 17 | 3 | 31 | 22 | 1 |
| 25 | 19 | 0 | 21 | 18 | 0 | 2 | 22 | 2 |
| 2 | 19 | 1 | 2 | 18 | 1 | 32 | 22 | 3 |
| 26 | 19 | 2 | 22 | 18 | 2 | 16 $\frac{1}{2}$ Sqr. | | |
| 2 | 19 | 2 | 2 | 18 | 3 | 17 | 16 | 3 |
| 27 | 19 | 3 | 23 | 18 | 3 | 2 | 17 | 0 |
| 2 | 20 | 0 | 2 | 19 | 0 | 18 | 17 | 1 |
| 28 | 20 | 1 | 24 | 19 | 1 | 2 | 17 | 2 |
| 2 | 20 | 1 | 2 | 19 | 2 | 19 | 17 | 3 |
| 29 | 20 | 2 | 25 | 19 | 3 | 2 | 18 | 0 |
| | | | 2 | 19 | 3 | | | |

7

| | | | | | | | | |
|----|----|---|-----------------------|----|---|-----------------------|----|---|
| 20 | 18 | 1 | 29 | 22 | 1 | 20 | 19 | 0 |
| 2 | 18 | 2 | 2 | 22 | 2 | 2 | 19 | 1 |
| 21 | 18 | 2 | 30 | 22 | 2 | 21 | 19 | 2 |
| 2 | 18 | 3 | 2 | 22 | 3 | 2 | 19 | 3 |
| 22 | 19 | 0 | 31 | 23 | 0 | 22 | 20 | 0 |
| 2 | 19 | 1 | 2 | 23 | 1 | 2 | 20 | 1 |
| 23 | 19 | 2 | 32 | 23 | 1 | 23 | 20 | 1 |
| 2 | 19 | 3 | 2 | 23 | 2 | 2 | 20 | 2 |
| 24 | 20 | 0 | 33 | 23 | 3 | 24 | 20 | 3 |
| 2 | 20 | 0 | 2 | 23 | 3 | 2 | 21 | 0 |
| 25 | 20 | 1 | 34 | 24 | 0 | 25 | 21 | 1 |
| 2 | 20 | 2 | | | | 2 | 21 | 2 |
| 26 | 20 | 3 | 17 $\frac{1}{2}$ Sqr. | | | 26 | 21 | 2 |
| 2 | 20 | 3 | 18 | 17 | 3 | 2 | 21 | 3 |
| 27 | 21 | 0 | 2 | 18 | 0 | 27 | 22 | 0 |
| 2 | 21 | 1 | 19 | 18 | 1 | 2 | 22 | 1 |
| 28 | 21 | 2 | 2 | 18 | 2 | 28 | 22 | 2 |
| 2 | 21 | 3 | 20 | 18 | 3 | 2 | 22 | 3 |
| 29 | 21 | 3 | 2 | 19 | 0 | 29 | 22 | 3 |
| 2 | 22 | 0 | 21 | 19 | 1 | 2 | 23 | 0 |
| 30 | 22 | 1 | 2 | 19 | 2 | 30 | 23 | 1 |
| 2 | 22 | 2 | 22 | 19 | 2 | 2 | 23 | 2 |
| 31 | 22 | 2 | 2 | 19 | 3 | 31 | 23 | 2 |
| 2 | 22 | 3 | 23 | 20 | 0 | 2 | 23 | 3 |
| 32 | 23 | 0 | 2 | 20 | 1 | 32 | 24 | 0 |
| 2 | 23 | 1 | 24 | 20 | 2 | 2 | 24 | 1 |
| 33 | 23 | 1 | 2 | 20 | 3 | 33 | 24 | 1 |
| | | | 25 | 21 | 0 | 2 | 24 | 2 |
| | | | 2 | 21 | 0 | 34 | 24 | 3 |
| | | | 26 | 21 | 1 | 2 | 25 | 0 |
| | | | 2 | 21 | 2 | 35 | 25 | 1 |
| | | | 27 | 21 | 3 | 2 | 25 | 2 |
| | | | 2 | 22 | 0 | 36 | 25 | 3 |
| | | | 28 | 22 | 1 | | | |
| | | | 2 | 22 | 1 | 18 $\frac{1}{2}$ Sqr. | | |
| | | | 29 | 22 | 2 | 19 | 18 | 3 |
| | | | 2 | 22 | 3 | 2 | 19 | 0 |
| | | | 30 | 23 | 0 | 20 | 19 | 1 |
| | | | 2 | 23 | 0 | 2 | 19 | 2 |
| | | | 31 | 23 | 1 | 21 | 19 | 3 |
| | | | 2 | 23 | 2 | 2 | 20 | 0 |
| | | | 32 | 23 | 3 | 22 | 20 | 1 |
| | | | 2 | 23 | 3 | 2 | 20 | 2 |
| | | | 33 | 24 | 0 | 23 | 20 | 3 |
| | | | 2 | 24 | 1 | 2 | 20 | 3 |
| | | | 34 | 24 | 2 | 24 | 21 | 0 |
| | | | 2 | 24 | 2 | 2 | 21 | 1 |
| | | | 35 | 24 | 3 | 25 | 21 | 2 |
| | | | | | | 2 | 21 | 3 |
| | | | 18 In. Sqr | | | 26 | 22 | 0 |
| | | | 2 | 18 | 1 | 2 | 22 | 1 |
| | | | 19 | 18 | 2 | 27 | 22 | 1 |
| | | | 2 | 18 | 3 | 2 | 22 | 2 |

| | | | | | | | | |
|-------------|----|---|-----------------------|----|---|-----------------------|----|---|
| 28 | 22 | 3 | 35 | 25 | 3 | 22 | 21 | 0 |
| 2 | 23 | 0 | 2 | 26 | 0 | 2 | 21 | 1 |
| 29 | 23 | 1 | 36 | 26 | 1 | 23 | 21 | 2 |
| 2 | 23 | 1 | 2 | 26 | 1 | 2 | 21 | 3 |
| 30 | 23 | 2 | 37 | 26 | 2 | 24 | 22 | 0 |
| 2 | 23 | 3 | 2 | 26 | 3 | 2 | 22 | 1 |
| 31 | 24 | 0 | 38 | 26 | 3 | 25 | 22 | 1 |
| 2 | 24 | 1 | | | | 2 | 22 | 2 |
| 32 | 24 | 1 | 19 $\frac{1}{2}$ Sqr. | | | 26 | 22 | 3 |
| 2 | 24 | 2 | 20 | 19 | 3 | 2 | 23 | 0 |
| 33 | 24 | 3 | 2 | 20 | 0 | 27 | 23 | 1 |
| 2 | 25 | 0 | 21 | 20 | 1 | 2 | 23 | 2 |
| 34 | 25 | 0 | 2 | 20 | 2 | 28 | 23 | 3 |
| 2 | 25 | 1 | 22 | 20 | 3 | 2 | 23 | 3 |
| 35 | 25 | 2 | 2 | 21 | 0 | 29 | 24 | 0 |
| 2 | 25 | 3 | 23 | 21 | 1 | 2 | 24 | 1 |
| 36 | 25 | 3 | 2 | 21 | 2 | 30 | 24 | 2 |
| 2 | 26 | 0 | 24 | 21 | 3 | 2 | 24 | 3 |
| 37 | 26 | 1 | 2 | 21 | 3 | 31 | 25 | 0 |
| 19 In. Sqr. | | | 25 | 22 | 0 | 2 | 25 | 0 |
| 2 | 19 | 1 | 2 | 22 | 1 | 32 | 25 | 1 |
| 20 | 19 | 2 | 26 | 22 | 2 | 2 | 25 | 2 |
| 2 | 19 | 3 | 2 | 22 | 3 | 33 | 25 | 3 |
| 21 | 20 | 0 | 27 | 23 | 0 | 2 | 26 | 0 |
| 2 | 20 | 1 | 2 | 23 | 1 | 34 | 26 | 0 |
| 22 | 20 | 2 | 28 | 23 | 1 | 2 | 26 | 1 |
| 2 | 20 | 3 | 2 | 23 | 2 | 35 | 26 | 2 |
| 23 | 21 | 0 | 29 | 23 | 3 | 2 | 26 | 3 |
| 2 | 21 | 1 | 2 | 24 | 0 | 36 | 26 | 3 |
| 24 | 21 | 1 | 30 | 24 | 1 | 2 | 27 | 0 |
| 2 | 21 | 2 | 2 | 24 | 2 | 37 | 27 | 1 |
| 25 | 21 | 3 | 31 | 24 | 2 | 2 | 27 | 2 |
| 2 | 22 | 0 | 2 | 24 | 3 | 38 | 27 | 2 |
| 26 | 22 | 1 | 32 | 25 | 0 | 2 | 27 | 3 |
| 2 | 22 | 2 | 2 | 25 | 1 | 39 | 28 | 0 |
| 27 | 22 | 3 | 33 | 25 | 1 | 2 | 28 | 0 |
| 2 | 22 | 3 | 2 | 25 | 2 | 40 | 28 | 1 |
| 28 | 23 | 0 | 34 | 25 | 3 | 20 $\frac{1}{2}$ Sqr. | | |
| 2 | 23 | 1 | 2 | 26 | 0 | 21 | 20 | 3 |
| 29 | 23 | 2 | 35 | 26 | 0 | 2 | 21 | 0 |
| 2 | 23 | 3 | 2 | 26 | 1 | 22 | 21 | 1 |
| 30 | 23 | 3 | 36 | 26 | 2 | 2 | 21 | 2 |
| 2 | 24 | 0 | 2 | 26 | 3 | 23 | 21 | 3 |
| 31 | 24 | 1 | 37 | 26 | 3 | 2 | 22 | 0 |
| 2 | 24 | 2 | 2 | 27 | 0 | 24 | 22 | 1 |
| 32 | 24 | 3 | 38 | 27 | 1 | 2 | 22 | 2 |
| 2 | 24 | 3 | 2 | 27 | 2 | 25 | 22 | 3 |
| 33 | 25 | 0 | 39 | 27 | 2 | 2 | 22 | 3 |
| 2 | 25 | 1 | 20 In. Sqr. | | | 26 | 23 | 0 |
| 34 | 25 | 2 | 2 | 20 | 1 | 2 | 23 | 1 |
| 2 | 25 | 2 | 21 | 20 | 2 | 27 | 23 | 2 |
| | | | 2 | 20 | 3 | 2 | 23 | 3 |

Unequal-Sided TIMBER, &c. 9

| | | | | | | | | |
|-------------|----|---|-----------------------|----|---|-------------|----|---|
| 28 | 24 | 0 | 33 | 26 | 1 | 38 | 28 | 2 |
| 2 | 24 | 1 | 2 | 26 | 2 | 2 | 28 | 3 |
| 29 | 24 | 1 | 34 | 26 | 3 | 39 | 29 | 0 |
| 2 | 24 | 2 | 2 | 27 | 0 | 2 | 29 | 1 |
| 30 | 24 | 3 | 35 | 27 | 0 | 40 | 29 | 1 |
| 2 | 25 | 0 | 2 | 27 | 1 | 2 | 29 | 2 |
| 31 | 25 | 1 | 36 | 27 | 2 | 41 | 29 | 3 |
| 2 | 25 | 2 | 2 | 27 | 3 | 2 | 29 | 3 |
| 32 | 25 | 2 | 37 | 27 | 3 | 42 | 30 | 0 |
| 2 | 25 | 3 | 2 | 28 | 0 | 2 | 30 | 1 |
| 33 | 26 | 0 | 38 | 28 | 1 | 43 | 30 | 2 |
| 2 | 26 | 1 | 2 | 28 | 2 | 22 In. Sqr. | | |
| 34 | 26 | 2 | 39 | 28 | 2 | 2 | 22 | 1 |
| 2 | 26 | 2 | 2 | 28 | 3 | 23 | 22 | 2 |
| 35 | 26 | 3 | 40 | 29 | 0 | 2 | 22 | 3 |
| 2 | 27 | 0 | 2 | 29 | 1 | 24 | 23 | 0 |
| 36 | 27 | 1 | 41 | 29 | 1 | 2 | 23 | 1 |
| 2 | 27 | 1 | 2 | 29 | 2 | 25 | 23 | 2 |
| 37 | 27 | 2 | 42 | 29 | 3 | 2 | 23 | 3 |
| 2 | 27 | 3 | 21 $\frac{1}{2}$ Sqr. | | | 26 | 24 | 0 |
| 38 | 28 | 0 | 22 | 21 | 3 | 2 | 24 | 1 |
| 2 | 28 | 1 | 2 | 22 | 0 | 27 | 24 | 1 |
| 39 | 28 | 2 | 23 | 22 | 1 | 2 | 24 | 2 |
| 2 | 28 | 3 | 2 | 22 | 2 | 28 | 24 | 3 |
| 40 | 28 | 3 | 24 | 22 | 3 | 2 | 25 | 0 |
| 2 | 29 | 0 | 2 | 23 | 0 | 29 | 25 | 1 |
| 41 | 29 | 1 | 25 | 23 | 1 | 2 | 25 | 2 |
| 21 In. Sqr. | | | 2 | 23 | 2 | 30 | 25 | 3 |
| 2 | 21 | 1 | 26 | 23 | 3 | 2 | 26 | 0 |
| 22 | 21 | 2 | 2 | 23 | 3 | 31 | 26 | 1 |
| 2 | 21 | 3 | 27 | 24 | 0 | 2 | 26 | 1 |
| 23 | 22 | 0 | 2 | 24 | 1 | 32 | 26 | 2 |
| 2 | 22 | 1 | 28 | 24 | 2 | 2 | 26 | 3 |
| 24 | 22 | 2 | 2 | 24 | 3 | 33 | 27 | 0 |
| 2 | 22 | 3 | 29 | 25 | 0 | 2 | 27 | 1 |
| 25 | 23 | 0 | 2 | 25 | 1 | 34 | 27 | 1 |
| 2 | 23 | 1 | 2 | 25 | 1 | 2 | 27 | 2 |
| 26 | 23 | 1 | 30 | 25 | 2 | 35 | 27 | 3 |
| 2 | 23 | 2 | 2 | 25 | 2 | 2 | 28 | 0 |
| 27 | 23 | 3 | 31 | 25 | 3 | 36 | 28 | 1 |
| 2 | 24 | 0 | 2 | 26 | 0 | 2 | 28 | 1 |
| 28 | 24 | 1 | 32 | 26 | 1 | 37 | 28 | 2 |
| 2 | 24 | 2 | 2 | 26 | 2 | 2 | 28 | 3 |
| 29 | 24 | 3 | 33 | 26 | 3 | 38 | 29 | 0 |
| 2 | 25 | 0 | 2 | 26 | 3 | 2 | 29 | 0 |
| 30 | 25 | 0 | 34 | 27 | 0 | 39 | 29 | 1 |
| 2 | 25 | 1 | 2 | 27 | 1 | 2 | 29 | 2 |
| 31 | 25 | 2 | 35 | 27 | 2 | 40 | 29 | 3 |
| 2 | 25 | 3 | 2 | 27 | 3 | 2 | 29 | 3 |
| 32 | 26 | 0 | 36 | 27 | 3 | 41 | 30 | 0 |
| 2 | 26 | 0 | 2 | 28 | 0 | 2 | 30 | 1 |
| | | | 37 | 28 | 1 | 42 | 30 | 2 |
| | | | 2 | 28 | 2 | 2 | 30 | 2 |

| | | | | | | | | |
|----------------------|----|---|----------------------|----|---|---------------|----|---|
| 43 | 30 | 3 | 24 | 23 | 2 | 27 | 25 | 1 |
| 2 | 31 | 0 | 2 | 23 | 3 | 2 | 25 | 2 |
| 44 | 31 | 0 | 25 | 24 | 0 | 28 | 25 | 3 |
| $22\frac{1}{2}$ Sqr. | | | 2 | 24 | 1 | 2 | 25 | 3 |
| 23 | 22 | 3 | 26 | 24 | 2 | 29 | 26 | 0 |
| 2 | 23 | 0 | 2 | 24 | 3 | 2 | 26 | 1 |
| 24 | 23 | 1 | 27 | 25 | 0 | 30 | 26 | 2 |
| 2 | 23 | 2 | 2 | 25 | 1 | 2 | 26 | 3 |
| 25 | 23 | 3 | 28 | 25 | 2 | 31 | 27 | 0 |
| 2 | 24 | 0 | 2 | 25 | 2 | 2 | 27 | 1 |
| 26 | 24 | 1 | 29 | 25 | 3 | 32 | 27 | 2 |
| 2 | 24 | 2 | 2 | 26 | 0 | 2 | 27 | 3 |
| 27 | 24 | 3 | 30 | 26 | 1 | 33 | 27 | 3 |
| 2 | 24 | 3 | 2 | 26 | 2 | 2 | 28 | 0 |
| 28 | 25 | 0 | 31 | 26 | 3 | 34 | 28 | 1 |
| 2 | 25 | 1 | 2 | 27 | 0 | 2 | 28 | 2 |
| 29 | 25 | 2 | 32 | 27 | 1 | 35 | 28 | 3 |
| 2 | 25 | 3 | 2 | 27 | 1 | 2 | 29 | 0 |
| 30 | 26 | 0 | 33 | 27 | 2 | 36 | 29 | 0 |
| 2 | 26 | 1 | 2 | 27 | 3 | 2 | 29 | 1 |
| 31 | 26 | 2 | 34 | 28 | 0 | 37 | 29 | 2 |
| 2 | 26 | 2 | 2 | 28 | 1 | 2 | 29 | 3 |
| 32 | 26 | 3 | 35 | 28 | 1 | 38 | 29 | 3 |
| 2 | 27 | 0 | 2 | 28 | 2 | 2 | 30 | 0 |
| 33 | 27 | 1 | 36 | 28 | 3 | 39 | 30 | 1 |
| 2 | 27 | 2 | 2 | 29 | 0 | 2 | 30 | 2 |
| 34 | 27 | 3 | 37 | 29 | 1 | 40 | 30 | 3 |
| 2 | 27 | 3 | 2 | 29 | 1 | 2 | 30 | 3 |
| 35 | 28 | 0 | 38 | 29 | 2 | 41 | 31 | 0 |
| 2 | 28 | 1 | 2 | 29 | 3 | 2 | 31 | 1 |
| 36 | 28 | 2 | 39 | 30 | 0 | 42 | 31 | 2 |
| 2 | 28 | 3 | 2 | 30 | 1 | 2 | 31 | 2 |
| 37 | 28 | 3 | 40 | 30 | 2 | 43 | 31 | 3 |
| 2 | 29 | 0 | 2 | 30 | 3 | 2 | 32 | 0 |
| 38 | 29 | 1 | 41 | 31 | 0 | 44 | 32 | 1 |
| 2 | 29 | 2 | 2 | 31 | 0 | 2 | 32 | 1 |
| 39 | 29 | 2 | 42 | 31 | 1 | 45 | 32 | 2 |
| 2 | 29 | 3 | 2 | 31 | 2 | 2 | 32 | 3 |
| 40 | 30 | 0 | 43 | 31 | 2 | 46 | 33 | 0 |
| 2 | 30 | 1 | 2 | 31 | 3 | 2 | 33 | 0 |
| 41 | 30 | 1 | 44 | 32 | 0 | 47 | 33 | 1 |
| 2 | 30 | 2 | 2 | 32 | 1 | 24 In. Sqr. | | |
| 42 | 30 | 3 | 45 | 32 | 1 | 2 | 24 | 1 |
| 2 | 31 | 0 | 2 | 32 | 2 | 25 | 24 | 2 |
| 43 | 31 | 0 | 46 | 32 | 3 | 2 | 24 | 3 |
| 2 | 31 | 1 | $23\frac{1}{2}$ Sqr. | | | 26 | 25 | 0 |
| 44 | 31 | 2 | 24 | 23 | 3 | 2 | 25 | 1 |
| 2 | 31 | 3 | 2 | 24 | 0 | 27 | 25 | 2 |
| 45 | 31 | 3 | 25 | 24 | 1 | 2 | 25 | 3 |
| 23 In. Sqr. | | | 2 | 24 | 2 | 28 | 26 | 0 |
| 2 | 23 | 1 | 26 | 24 | 3 | 2 | 26 | 1 |
| | | | 2 | 25 | 0 | | | |

Unequal-Sided TIMBER, &c. 11

| | | | | | | | | |
|----|----|---|----|----|---|----|----|---|
| 29 | 26 | 2 | 31 | 27 | 2 | 32 | 28 | 1 |
| 2 | 26 | 2 | 2 | 27 | 3 | 2 | 28 | 2 |
| 30 | 26 | 3 | 32 | 28 | 0 | 33 | 28 | 3 |
| 2 | 27 | 0 | 2 | 28 | 1 | 2 | 29 | 0 |
| 31 | 27 | 1 | 33 | 28 | 2 | 34 | 29 | 1 |
| 2 | 27 | 2 | 2 | 28 | 3 | 2 | 29 | 1 |
| 32 | 27 | 3 | 34 | 28 | 3 | 35 | 29 | 2 |
| 2 | 28 | 0 | 2 | 29 | 0 | 2 | 29 | 3 |
| 33 | 28 | 1 | 35 | 29 | 1 | 36 | 30 | 0 |
| 2 | 28 | 1 | 2 | 29 | 2 | 2 | 30 | 1 |
| 34 | 28 | 2 | 36 | 29 | 3 | 37 | 30 | 2 |
| 2 | 28 | 3 | 2 | 30 | 0 | 2 | 30 | 2 |
| 35 | 29 | 0 | 37 | 30 | 0 | 38 | 30 | 3 |
| 2 | 29 | 1 | 2 | 30 | 1 | 2 | 31 | 0 |
| 36 | 29 | 2 | 38 | 30 | 2 | 39 | 31 | 1 |
| 2 | 29 | 2 | 2 | 30 | 3 | 2 | 31 | 2 |
| 37 | 29 | 3 | 39 | 31 | 0 | 40 | 31 | 2 |
| 2 | 30 | 0 | 2 | 31 | 0 | 2 | 31 | 3 |
| 38 | 30 | 1 | 40 | 31 | 1 | 41 | 32 | 0 |
| 2 | 30 | 2 | 2 | 31 | 2 | 2 | 32 | 1 |
| 39 | 30 | 2 | 41 | 31 | 3 | 42 | 32 | 2 |
| 2 | 30 | 3 | 2 | 31 | 3 | 2 | 32 | 2 |
| 40 | 31 | 0 | 42 | 32 | 0 | 43 | 32 | 3 |
| 2 | 31 | 1 | 2 | 32 | 1 | 2 | 33 | 0 |
| 41 | 31 | 1 | 43 | 32 | 2 | 44 | 33 | 1 |
| 2 | 31 | 2 | 2 | 32 | 3 | 2 | 33 | 1 |
| 42 | 31 | 3 | 44 | 32 | 3 | 45 | 33 | 2 |
| 2 | 32 | 0 | 2 | 33 | 0 | 2 | 33 | 3 |
| 43 | 32 | 0 | 45 | 33 | 1 | 46 | 34 | 0 |
| 2 | 32 | 1 | 2 | 33 | 2 | 2 | 34 | 0 |
| 44 | 32 | 2 | 46 | 33 | 2 | 47 | 34 | 1 |
| 2 | 32 | 3 | 2 | 33 | 3 | 2 | 34 | 2 |
| 45 | 33 | 0 | 47 | 34 | 0 | 48 | 34 | 3 |
| 2 | 33 | 0 | 2 | 34 | 0 | 2 | 34 | 3 |
| 46 | 33 | 1 | 48 | 34 | 1 | 49 | 35 | 0 |
| 2 | 33 | 2 | 2 | 34 | 2 | 2 | 35 | 1 |
| 47 | 33 | 2 | 49 | 34 | 3 | 50 | 35 | 1 |
| 2 | 33 | 3 | | | | | | |
| 48 | 34 | 0 | | | | | | |

24 $\frac{1}{2}$ Sqr.

| | | |
|----|----|---|
| 25 | 24 | 3 |
| 2 | 25 | 0 |
| 26 | 25 | 1 |
| 2 | 25 | 2 |
| 27 | 25 | 3 |
| 2 | 26 | 0 |
| 28 | 26 | 1 |
| 2 | 26 | 2 |
| 29 | 26 | 3 |
| 2 | 27 | 0 |
| 30 | 27 | 0 |
| 2 | 27 | 1 |

25 In. Sqr.

| | | |
|----|----|---|
| 2 | 25 | 1 |
| 26 | 25 | 2 |
| 2 | 25 | 3 |
| 27 | 26 | 0 |
| 2 | 26 | 1 |
| 28 | 26 | 2 |
| 2 | 26 | 3 |
| 29 | 27 | 0 |
| 2 | 27 | 1 |
| 30 | 27 | 1 |
| 2 | 27 | 2 |
| 31 | 27 | 3 |
| 2 | 28 | 0 |

25 $\frac{1}{2}$ Sqr.

| | | |
|----|----|---|
| 26 | 25 | 3 |
| 2 | 26 | 0 |
| 27 | 26 | 1 |
| 2 | 26 | 2 |
| 28 | 26 | 3 |
| 2 | 27 | 0 |
| 29 | 27 | 1 |
| 2 | 27 | 2 |
| 30 | 27 | 3 |
| 2 | 27 | 3 |
| 31 | 28 | 0 |
| 2 | 28 | 1 |
| 32 | 28 | 2 |
| 2 | 28 | 3 |

| | | | | | | | | |
|-------------|----|---|-----------------------|----|---|-------------|----|---|
| 33 | 29 | 0 | 33 | 29 | 1 | 33 | 29 | 2 |
| 2 | 29 | 1 | 2 | 29 | 2 | 2 | 29 | 3 |
| 34 | 29 | 2 | 34 | 29 | 3 | 34 | 30 | 0 |
| 2 | 29 | 3 | 2 | 30 | 0 | 2 | 30 | 1 |
| 35 | 29 | 3 | 35 | 30 | 1 | 35 | 30 | 2 |
| 2 | 30 | 0 | 2 | 30 | 2 | 2 | 30 | 3 |
| 36 | 30 | 1 | 36 | 30 | 2 | 36 | 31 | 0 |
| 2 | 30 | 2 | 2 | 30 | 3 | 2 | 31 | 0 |
| 37 | 30 | 3 | 37 | 31 | 0 | 37 | 31 | 1 |
| 2 | 31 | 0 | 2 | 31 | 1 | 2 | 31 | 2 |
| 38 | 31 | 1 | 38 | 31 | 2 | 38 | 31 | 3 |
| 2 | 31 | 1 | 2 | 31 | 3 | 2 | 32 | 0 |
| 39 | 31 | 2 | 39 | 31 | 3 | 39 | 32 | 1 |
| 2 | 31 | 3 | 2 | 32 | 0 | 2 | 32 | 1 |
| 40 | 32 | 0 | 40 | 32 | 1 | 40 | 32 | 2 |
| 2 | 32 | 0 | 2 | 32 | 2 | 2 | 32 | 3 |
| 41 | 32 | 1 | 41 | 32 | 3 | 41 | 33 | 0 |
| 2 | 32 | 2 | 2 | 32 | 3 | 2 | 33 | 1 |
| 42 | 32 | 3 | 42 | 33 | 0 | 42 | 33 | 1 |
| 2 | 33 | 0 | 2 | 33 | 1 | 2 | 33 | 2 |
| 43 | 33 | 0 | 43 | 33 | 2 | 43 | 33 | 3 |
| 2 | 33 | 1 | 2 | 33 | 3 | 2 | 34 | 0 |
| 44 | 33 | 2 | 44 | 33 | 3 | 44 | 34 | 1 |
| 2 | 33 | 3 | 2 | 34 | 0 | 2 | 34 | 1 |
| 45 | 33 | 3 | 45 | 34 | 1 | 45 | 34 | 2 |
| 2 | 34 | 0 | 2 | 34 | 2 | 2 | 34 | 3 |
| 46 | 34 | 1 | 46 | 34 | 2 | 46 | 35 | 0 |
| 2 | 34 | 2 | 2 | 34 | 3 | 2 | 35 | 0 |
| 47 | 34 | 2 | 47 | 35 | 0 | 47 | 35 | 1 |
| 2 | 34 | 3 | 2 | 35 | 1 | 2 | 35 | 2 |
| 48 | 35 | 0 | 48 | 35 | 1 | 48 | 35 | 3 |
| 2 | 35 | 1 | 2 | 35 | 2 | 2 | 35 | 3 |
| 49 | 35 | 1 | 49 | 35 | 3 | 49 | 36 | 0 |
| 2 | 35 | 2 | 2 | 35 | 3 | 2 | 36 | 1 |
| 50 | 35 | 3 | 50 | 36 | 0 | 50 | 36 | 2 |
| 2 | 35 | 3 | 2 | 36 | 1 | 2 | 36 | 2 |
| 51 | 36 | 0 | 51 | 36 | 2 | 51 | 36 | 3 |
| | | | 2 | 36 | 2 | 2 | 37 | 0 |
| 26 In. Sqr. | | | 52 | 36 | 3 | 52 | 37 | 0 |
| | | | | | | 2 | 37 | 1 |
| 2 | 26 | 1 | 26 $\frac{1}{2}$ Sqr. | | | 53 | 37 | 2 |
| 27 | 26 | 2 | 27 | 26 | 3 | 27 In. Sqr. | | |
| 2 | 26 | 3 | 2 | 27 | 1 | 2 | 27 | 1 |
| 28 | 27 | 0 | 28 | 27 | 2 | 28 | 27 | 2 |
| 2 | 27 | 1 | 2 | 27 | 3 | 2 | 27 | 3 |
| 29 | 27 | 2 | 29 | 27 | 0 | 29 | 28 | 0 |
| 2 | 27 | 3 | 2 | 28 | 0 | 2 | 28 | 1 |
| 30 | 28 | 0 | 30 | 28 | 1 | 30 | 28 | 2 |
| 2 | 28 | 1 | 2 | 28 | 2 | 2 | 28 | 3 |
| 31 | 28 | 2 | 31 | 28 | 3 | 31 | 29 | 0 |
| 2 | 28 | 2 | 2 | 28 | 3 | 2 | 29 | 1 |
| 32 | 28 | 3 | 32 | 29 | 0 | | | |
| 2 | 29 | 0 | 2 | 29 | 1 | | | |

Unequal-Sided TIMBER, &c. 13

| | | | | | | | | |
|-----------------------|----|---|-------------|----|---|-----------------------|----|---|
| 32 | 29 | 2 | 31 | 29 | 1 | 30 | 29 | 0 |
| 2 | 29 | 2 | 2 | 29 | 2 | 2 | 29 | 1 |
| 33 | 29 | 3 | 32 | 29 | 3 | 31 | 29 | 2 |
| 2 | 30 | 0 | 2 | 29 | 3 | 2 | 29 | 3 |
| 34 | 30 | 1 | 33 | 30 | 0 | 32 | 30 | 0 |
| 2 | 30 | 2 | 2 | 30 | 1 | 2 | 30 | 1 |
| 35 | 30 | 3 | 34 | 30 | 2 | 33 | 30 | 2 |
| 2 | 31 | 0 | 2 | 30 | 3 | 2 | 30 | 3 |
| 36 | 31 | 1 | 35 | 31 | 0 | 34 | 30 | 3 |
| 2 | 31 | 2 | 2 | 31 | 1 | 2 | 31 | 0 |
| 37 | 31 | 2 | 36 | 31 | 2 | 35 | 31 | 1 |
| 2 | 31 | 3 | 2 | 31 | 3 | 2 | 31 | 2 |
| 38 | 32 | 0 | 37 | 32 | 0 | 36 | 31 | 3 |
| 2 | 32 | 1 | 2 | 32 | 0 | 2 | 32 | 0 |
| 39 | 32 | 2 | 38 | 32 | 1 | 37 | 32 | 1 |
| 2 | 32 | 3 | 2 | 32 | 2 | 2 | 32 | 2 |
| 40 | 32 | 3 | 39 | 32 | 3 | 38 | 32 | 2 |
| 2 | 33 | 0 | 2 | 33 | 0 | 2 | 32 | 3 |
| 41 | 33 | 1 | 40 | 33 | 1 | 39 | 33 | 0 |
| 2 | 33 | 2 | 2 | 33 | 1 | 2 | 33 | 1 |
| 42 | 33 | 3 | 41 | 33 | 2 | 40 | 33 | 2 |
| 2 | 33 | 3 | 2 | 33 | 3 | 2 | 33 | 3 |
| 43 | 34 | 0 | 42 | 34 | 0 | 41 | 34 | 0 |
| 2 | 34 | 1 | 2 | 34 | 1 | 2 | 34 | 0 |
| 44 | 34 | 2 | 43 | 34 | 2 | 42 | 34 | 1 |
| 2 | 34 | 3 | 2 | 34 | 2 | 2 | 34 | 2 |
| 45 | 34 | 3 | 44 | 34 | 3 | 43 | 34 | 3 |
| 2 | 35 | 0 | 2 | 35 | 0 | 2 | 35 | 0 |
| 46 | 35 | 1 | 45 | 35 | 1 | 44 | 35 | 0 |
| 2 | 35 | 2 | 2 | 35 | 1 | 2 | 35 | 1 |
| 47 | 35 | 2 | 46 | 35 | 2 | 45 | 35 | 2 |
| 2 | 35 | 3 | 2 | 35 | 3 | 2 | 35 | 3 |
| 48 | 36 | 0 | 47 | 36 | 0 | 46 | 36 | 0 |
| 2 | 36 | 1 | 2 | 36 | 1 | 2 | 36 | 0 |
| 49 | 36 | 2 | 48 | 36 | 1 | 47 | 36 | 1 |
| 2 | 36 | 2 | 2 | 36 | 2 | 2 | 36 | 2 |
| 50 | 36 | 3 | 49 | 36 | 3 | 48 | 36 | 3 |
| 2 | 37 | 0 | 2 | 37 | 0 | 2 | 36 | 3 |
| 51 | 37 | 0 | 50 | 37 | 0 | 49 | 37 | 0 |
| 2 | 37 | 1 | 2 | 37 | 1 | 2 | 37 | 1 |
| 52 | 37 | 2 | 51 | 37 | 2 | 50 | 37 | 2 |
| 2 | 37 | 3 | 2 | 37 | 3 | 2 | 37 | 2 |
| 53 | 37 | 3 | 52 | 37 | 3 | 51 | 37 | 3 |
| 2 | 38 | 0 | 2 | 38 | 0 | 2 | 38 | 0 |
| 54 | 38 | 1 | 53 | 38 | 1 | 52 | 38 | 1 |
| | | | 2 | 38 | 1 | 2 | 38 | 1 |
| | | | 54 | 38 | 2 | 53 | 38 | 2 |
| | | | | | | 2 | 38 | 3 |
| | | | | | | 54 | 39 | 0 |
| 27 $\frac{1}{2}$ Sqr. | | | 28 ln. Sqr. | | | 28 $\frac{1}{2}$ Sqr. | | |
| 28 | 27 | 3 | 2 | 28 | 1 | 29 | 28 | 3 |
| 2 | 28 | 0 | | | | 2 | 29 | 0 |
| 29 | 28 | 1 | | | | | | |
| 2 | 28 | 2 | | | | | | |
| 30 | 28 | 3 | | | | | | |
| 2 | 29 | 0 | | | | | | |

| | | | | | | | | |
|----|----|---|----|----|---|----|----|---|
| 30 | 29 | 1 | 30 | 29 | 2 | 31 | 30 | 1 |
| 2 | 29 | 2 | 2 | 29 | 3 | 2 | 30 | 2 |
| 31 | 29 | 3 | 31 | 30 | 0 | 32 | 30 | 3 |
| 2 | 30 | 0 | 2 | 30 | 1 | 2 | 31 | 0 |
| 32 | 30 | 1 | 32 | 30 | 2 | 33 | 31 | 1 |
| 2 | 30 | 2 | 2 | 30 | 3 | 2 | 31 | 2 |
| 33 | 30 | 3 | 33 | 31 | 0 | 34 | 31 | 3 |
| 2 | 31 | 0 | 2 | 31 | 1 | 2 | 32 | 0 |
| 34 | 31 | 1 | 34 | 31 | 2 | 35 | 32 | 0 |
| 2 | 31 | 1 | 2 | 31 | 3 | 2 | 32 | 1 |
| 35 | 31 | 2 | 35 | 31 | 3 | 36 | 32 | 2 |
| 2 | 31 | 3 | 2 | 32 | 0 | 2 | 32 | 3 |
| 36 | 32 | 0 | 36 | 32 | 1 | 37 | 33 | 0 |
| 2 | 32 | 1 | 2 | 32 | 2 | 2 | 33 | 1 |
| 37 | 32 | 2 | 37 | 32 | 3 | 38 | 33 | 2 |
| 2 | 32 | 3 | 2 | 33 | 0 | 2 | 33 | 3 |
| 38 | 33 | 0 | 38 | 33 | 1 | 39 | 34 | 0 |
| 2 | 33 | 0 | 2 | 33 | 2 | 2 | 34 | 1 |
| 39 | 33 | 1 | 39 | 33 | 3 | 40 | 34 | 1 |
| 2 | 33 | 2 | 2 | 33 | 3 | 2 | 34 | 2 |
| 40 | 33 | 3 | 40 | 34 | 0 | 41 | 34 | 3 |
| 2 | 34 | 0 | 2 | 34 | 1 | 2 | 35 | 0 |
| 41 | 34 | 1 | 41 | 34 | 2 | 42 | 35 | 1 |
| 2 | 34 | 2 | 2 | 34 | 3 | 2 | 35 | 2 |
| 42 | 34 | 2 | 42 | 35 | 0 | 43 | 35 | 2 |
| 2 | 34 | 3 | 2 | 35 | 0 | 2 | 35 | 3 |
| 43 | 35 | 0 | 43 | 35 | 1 | 44 | 36 | 0 |
| 2 | 35 | 1 | 2 | 35 | 2 | 2 | 36 | 1 |
| 44 | 35 | 2 | 44 | 35 | 3 | 45 | 36 | 2 |
| 2 | 35 | 2 | 2 | 36 | 0 | 2 | 36 | 3 |
| 45 | 35 | 3 | 45 | 36 | 0 | 46 | 36 | 3 |
| 2 | 36 | 0 | 2 | 36 | 1 | 2 | 37 | 0 |
| 46 | 36 | 1 | 46 | 36 | 2 | 47 | 37 | 1 |
| 2 | 36 | 2 | 2 | 36 | 3 | 2 | 37 | 2 |
| 47 | 36 | 2 | 47 | 37 | 0 | 48 | 37 | 3 |
| 2 | 36 | 3 | 2 | 37 | 0 | 2 | 37 | 3 |
| 48 | 37 | 0 | 48 | 37 | 1 | 49 | 38 | 0 |
| 2 | 37 | 1 | 2 | 37 | 2 | 2 | 38 | 1 |
| 49 | 37 | 1 | 49 | 37 | 3 | 50 | 38 | 2 |
| 2 | 37 | 2 | 2 | 38 | 0 | 2 | 38 | 2 |
| 50 | 37 | 3 | 50 | 38 | 0 | 51 | 38 | 3 |
| 2 | 38 | 0 | 2 | 38 | 1 | 2 | 39 | 0 |
| 51 | 38 | 0 | 51 | 38 | 2 | 52 | 39 | 1 |
| 2 | 38 | 1 | 2 | 38 | 3 | 2 | 39 | 1 |
| 52 | 38 | 2 | 52 | 38 | 3 | 53 | 39 | 2 |
| 2 | 38 | 3 | 2 | 39 | 0 | 2 | 39 | 3 |
| 53 | 38 | 3 | 53 | 39 | 1 | 54 | 40 | 0 |
| 2 | 39 | 0 | 2 | 39 | 2 | | | |
| 54 | 39 | 1 | 54 | 39 | 2 | | | |

29 ln. Sqr.

| | | |
|---|----|---|
| 2 | 29 | 1 |
|---|----|---|

29 $\frac{1}{2}$ Sqr.

| | | |
|----|----|---|
| 30 | 29 | 3 |
| 2 | 30 | 0 |

30 ln. Sqr.

| | | |
|----|----|---|
| 2 | 30 | 1 |
| 31 | 30 | 2 |
| 2 | 30 | 3 |

Unequal-Sided TIMBER, &c. 15

| | | | | | | | | |
|-----------------------------------|----|---|-------------------------|----|---|-----------------------------------|----|---|
| 32 | 31 | 0 | 34 | 32 | 1 | 36 | 33 | 2 |
| 2 | 31 | 1 | 2 | 32 | 2 | 2 | 33 | 3 |
| 33 | 31 | 2 | 35 | 32 | 3 | 37 | 33 | 3 |
| 2 | 31 | 3 | 2 | 33 | 0 | 2 | 34 | 0 |
| 34 | 32 | 0 | 36 | 33 | 1 | 38 | 34 | 1 |
| 2 | 32 | 1 | 2 | 33 | 1 | 2 | 34 | 2 |
| 35 | 32 | 2 | 37 | 33 | 2 | 39 | 34 | 3 |
| 2 | 32 | 3 | 2 | 33 | 3 | 2 | 35 | 0 |
| 36 | 32 | 3 | 38 | 34 | 0 | 40 | 35 | 1 |
| 2 | 33 | 0 | 2 | 34 | 1 | 2 | 35 | 2 |
| 37 | 33 | 1 | 39 | 34 | 2 | 41 | 35 | 3 |
| 2 | 33 | 2 | 2 | 34 | 3 | 2 | 35 | 3 |
| 38 | 33 | 3 | 40 | 35 | 0 | 42 | 36 | 0 |
| 2 | 34 | 0 | 2 | 35 | 1 | 2 | 36 | 1 |
| 39 | 34 | 1 | 41 | 35 | 1 | 43 | 36 | 2 |
| 2 | 34 | 2 | 2 | 35 | 2 | 2 | 36 | 3 |
| 40 | 34 | 3 | 42 | 35 | 3 | 44 | 37 | 0 |
| 2 | 34 | 3 | 2 | 36 | 0 | 2 | 37 | 1 |
| 41 | 35 | 0 | 43 | 36 | 1 | 45 | 37 | 1 |
| 2 | 35 | 1 | 2 | 36 | 2 | 2 | 37 | 2 |
| 42 | 35 | 2 | 44 | 36 | 3 | 46 | 37 | 3 |
| 2 | 35 | 3 | 2 | 36 | 3 | 2 | 38 | 0 |
| 43 | 36 | 0 | 45 | 37 | 0 | 47 | 38 | 1 |
| 2 | 36 | 0 | 2 | 37 | 1 | 2 | 38 | 1 |
| 44 | 36 | 1 | 46 | 37 | 2 | 48 | 38 | 2 |
| 2 | 36 | 2 | 2 | 37 | 3 | 2 | 38 | 3 |
| 45 | 36 | 3 | 47 | 37 | 3 | 49 | 39 | 0 |
| 2 | 37 | 0 | 2 | 38 | 0 | 2 | 39 | 1 |
| 46 | 37 | 1 | 48 | 38 | 1 | 50 | 39 | 1 |
| 2 | 37 | 1 | 2 | 38 | 2 | 2 | 39 | 2 |
| 47 | 37 | 2 | 49 | 38 | 3 | 51 | 39 | 3 |
| 2 | 37 | 3 | 2 | 38 | 3 | 2 | 40 | 0 |
| 48 | 38 | 0 | 50 | 39 | 0 | 52 | 40 | 1 |
| 2 | 38 | 1 | 2 | 39 | 1 | 2 | 40 | 1 |
| 49 | 38 | 1 | 51 | 39 | 2 | 53 | 40 | 2 |
| 2 | 38 | 2 | 2 | 39 | 2 | 2 | 40 | 3 |
| 50 | 38 | 3 | 52 | 39 | 3 | 54 | 41 | 0 |
| 2 | 39 | 0 | 2 | 40 | 0 | <hr/> 31 $\frac{1}{2}$ Sqr. <hr/> | | |
| 51 | 39 | 0 | 53 | 40 | 1 | 32 | 31 | 3 |
| 2 | 39 | 1 | 2 | 40 | 2 | 2 | 32 | 0 |
| 52 | 39 | 2 | 54 | 40 | 2 | 33 | 32 | 1 |
| 2 | 39 | 3 | <hr/> 31 In. Sqr. <hr/> | | | 2 | 32 | 2 |
| 53 | 39 | 3 | 2 | 31 | 1 | 34 | 32 | 3 |
| 2 | 40 | 0 | 32 | 31 | 2 | 2 | 33 | 0 |
| 54 | 40 | 1 | 2 | 31 | 3 | 35 | 33 | 1 |
| <hr/> 30 $\frac{1}{2}$ Sqr. <hr/> | | | 33 | 32 | 0 | 2 | 33 | 2 |
| 31 | 30 | 3 | 2 | 32 | 1 | 36 | 33 | 3 |
| 2 | 31 | 0 | 34 | 32 | 2 | 2 | 34 | 0 |
| 32 | 31 | 1 | 2 | 32 | 3 | 37 | 34 | 1 |
| 2 | 31 | 2 | 35 | 33 | 0 | 2 | 34 | 1 |
| 33 | 31 | 3 | 2 | 33 | 1 | 38 | 34 | 2 |
| 2 | 32 | 0 | 2 | 33 | 2 | 2 | 34 | 3 |

Sqr.

1

2

3

| | | | | | | | | |
|--------------------|----|---|--------------------|----|---|--------------------|----|---|
| 39 | 35 | 0 | 42 | 36 | 3 | 46 | 38 | 3 |
| 2 | 35 | 1 | 2 | 37 | 0 | 2 | 38 | 3 |
| 40 | 35 | 2 | 43 | 37 | 0 | 47 | 39 | 0 |
| 2 | 35 | 3 | 2 | 37 | 1 | 2 | 39 | 1 |
| 41 | 36 | 0 | 44 | 37 | 2 | 48 | 39 | 2 |
| 2 | 36 | 1 | 2 | 37 | 3 | 2 | 39 | 3 |
| 42 | 36 | 1 | 45 | 38 | 0 | 49 | 40 | 0 |
| 2 | 36 | 2 | 2 | 38 | 1 | 2 | 40 | 0 |
| 43 | 36 | 3 | 46 | 38 | 1 | 50 | 40 | 1 |
| 2 | 37 | 0 | 2 | 38 | 2 | 2 | 40 | 2 |
| 44 | 37 | 1 | 47 | 38 | 3 | 51 | 40 | 3 |
| 2 | 37 | 2 | 2 | 39 | 0 | 2 | 41 | 0 |
| 45 | 37 | 3 | 48 | 39 | 1 | 52 | 41 | 0 |
| 2 | 37 | 3 | 2 | 39 | 2 | 2 | 41 | 1 |
| 46 | 38 | 0 | 49 | 39 | 2 | 53 | 41 | 2 |
| 2 | 38 | 1 | 2 | 39 | 3 | 2 | 41 | 3 |
| 47 | 38 | 2 | 50 | 40 | 0 | 54 | 42 | 0 |
| 2 | 38 | 3 | 2 | 40 | 0 | | | |
| 48 | 39 | 0 | 51 | 40 | 1 | <u>33 In. Sqr.</u> | | |
| 2 | 39 | 0 | 2 | 40 | 2 | | | |
| 49 | 39 | 1 | 52 | 40 | 3 | 2 | 33 | 1 |
| 2 | 39 | 2 | 2 | 40 | 3 | 34 | 33 | 2 |
| 50 | 39 | 3 | 53 | 41 | 0 | 2 | 33 | 3 |
| 2 | 40 | 0 | 2 | 41 | 1 | 35 | 34 | 0 |
| 51 | 40 | 0 | 54 | 41 | 2 | 2 | 34 | 1 |
| 2 | 40 | 1 | | | | 36 | 34 | 2 |
| 52 | 40 | 2 | <u>32 1/2 Sqr.</u> | | | 2 | 34 | 3 |
| 2 | 40 | 3 | 33 | 32 | 3 | 37 | 35 | 0 |
| 53 | 40 | 3 | 2 | 33 | 0 | 2 | 35 | 1 |
| 2 | 41 | 0 | 34 | 33 | 1 | 38 | 35 | 2 |
| 54 | 41 | 1 | 2 | 33 | 2 | 2 | 35 | 3 |
| | | | 35 | 33 | 3 | 39 | 35 | 3 |
| <u>32 In. Sqr.</u> | | | 2 | 34 | 0 | 2 | 36 | 0 |
| 2 | 32 | 1 | 36 | 34 | 1 | 40 | 36 | 1 |
| 33 | 32 | 2 | 2 | 34 | 2 | 2 | 36 | 2 |
| 2 | 32 | 3 | 37 | 34 | 3 | 41 | 36 | 3 |
| 34 | 33 | 0 | 2 | 35 | 0 | 2 | 37 | 0 |
| 2 | 33 | 1 | 38 | 35 | 1 | 42 | 37 | 1 |
| 35 | 33 | 2 | 2 | 35 | 2 | 2 | 37 | 2 |
| 2 | 33 | 3 | 39 | 35 | 2 | 43 | 37 | 3 |
| 36 | 34 | 0 | 2 | 35 | 3 | 2 | 38 | 0 |
| 2 | 34 | 1 | 40 | 36 | 0 | 44 | 38 | 0 |
| 37 | 34 | 2 | 2 | 36 | 1 | 2 | 38 | 1 |
| 2 | 34 | 3 | 41 | 36 | 2 | 45 | 38 | 2 |
| 38 | 34 | 3 | 2 | 36 | 3 | 2 | 38 | 2 |
| 2 | 35 | 1 | 42 | 37 | 0 | 46 | 38 | 3 |
| 39 | 35 | 2 | 2 | 37 | 1 | 2 | 39 | 0 |
| 2 | 35 | 3 | 43 | 37 | 2 | 47 | 39 | 1 |
| 40 | 35 | 3 | 2 | 37 | 2 | 2 | 39 | 2 |
| 2 | 36 | 0 | 44 | 37 | 3 | 48 | 39 | 3 |
| 41 | 36 | 1 | 2 | 38 | 0 | 2 | 39 | 3 |
| 2 | 36 | 2 | 45 | 38 | 1 | 49 | 40 | 0 |
| | | | 2 | 38 | 2 | 2 | 40 | 1 |

| | | | | | | | | |
|-----------------------|----|---|-----------------------|----|---|-------------|----|---|
| 50 | 40 | 2 | 34 In. Sqr. | | | 40 | 37 | 1 |
| 2 | 40 | 3 | 2 | 34 | 1 | 2 | 37 | 2 |
| 51 | 40 | 3 | 35 | 34 | 2 | 41 | 37 | 2 |
| 2 | 41 | 0 | 2 | 34 | 3 | 2 | 37 | 3 |
| 52 | 41 | 1 | 36 | 35 | 0 | 42 | 38 | 0 |
| 2 | 41 | 1 | 2 | 35 | 1 | 2 | 38 | 1 |
| 53 | 41 | 2 | 37 | 35 | 2 | 43 | 38 | 2 |
| 2 | 41 | 3 | 2 | 35 | 2 | 2 | 38 | 3 |
| 54 | 42 | 0 | 38 | 35 | 3 | 44 | 39 | 0 |
| 33 $\frac{1}{2}$ Sqr. | | | 2 | 36 | 0 | 2 | 39 | 1 |
| 34 | 33 | 3 | 39 | 36 | 1 | 45 | 39 | 2 |
| 2 | 34 | 0 | 2 | 36 | 2 | 2 | 39 | 2 |
| 35 | 34 | 1 | 40 | 36 | 3 | 46 | 39 | 3 |
| 2 | 34 | 2 | 2 | 37 | 0 | 2 | 40 | 0 |
| 36 | 34 | 3 | 41 | 37 | 1 | 47 | 40 | 1 |
| 2 | 35 | 0 | 2 | 37 | 2 | 2 | 40 | 2 |
| 37 | 35 | 1 | 42 | 37 | 3 | 48 | 40 | 3 |
| 2 | 35 | 2 | 2 | 38 | 0 | 2 | 41 | 0 |
| 38 | 35 | 3 | 43 | 38 | 0 | 49 | 41 | 0 |
| 2 | 36 | 0 | 2 | 38 | 1 | 2 | 41 | 1 |
| 39 | 36 | 1 | 44 | 38 | 2 | 50 | 41 | 2 |
| 2 | 36 | 2 | 2 | 38 | 3 | 2 | 41 | 3 |
| 40 | 36 | 2 | 45 | 39 | 0 | 51 | 42 | 0 |
| 2 | 36 | 3 | 2 | 39 | 1 | 2 | 42 | 1 |
| 41 | 37 | 0 | 46 | 39 | 2 | 52 | 42 | 1 |
| 2 | 37 | 1 | 2 | 39 | 3 | 2 | 42 | 2 |
| 42 | 37 | 2 | 47 | 40 | 0 | 53 | 42 | 3 |
| 2 | 37 | 3 | 2 | 40 | 1 | 2 | 43 | 0 |
| 43 | 38 | 0 | 48 | 40 | 2 | 54 | 43 | 1 |
| 2 | 38 | 1 | 2 | 40 | 2 | 35 In. Sqr. | | |
| 44 | 38 | 2 | 49 | 40 | 3 | 2 | 35 | 1 |
| 2 | 38 | 2 | 2 | 41 | 0 | 36 | 35 | 2 |
| 45 | 38 | 3 | 50 | 41 | 1 | 2 | 35 | 3 |
| 2 | 39 | 0 | 2 | 41 | 2 | 37 | 36 | 0 |
| 46 | 39 | 1 | 51 | 41 | 3 | 2 | 36 | 1 |
| 2 | 39 | 2 | 2 | 41 | 3 | 38 | 36 | 2 |
| 47 | 39 | 3 | 52 | 42 | 0 | 2 | 36 | 3 |
| 2 | 40 | 0 | 2 | 42 | 1 | 39 | 37 | 0 |
| 48 | 40 | 0 | 53 | 42 | 2 | 2 | 37 | 1 |
| 2 | 40 | 1 | 2 | 42 | 3 | 40 | 37 | 2 |
| 49 | 40 | 2 | 54 | 42 | 3 | 2 | 37 | 3 |
| 2 | 40 | 3 | 34 $\frac{1}{2}$ Sqr. | | | 41 | 38 | 0 |
| 50 | 41 | 0 | 35 | 34 | 3 | 2 | 38 | 0 |
| 2 | 41 | 1 | 2 | 35 | 0 | 42 | 38 | 1 |
| 51 | 41 | 1 | 36 | 35 | 1 | 2 | 38 | 2 |
| 2 | 41 | 2 | 2 | 35 | 2 | 43 | 38 | 3 |
| 52 | 41 | 3 | 37 | 35 | 3 | 2 | 39 | 0 |
| 2 | 42 | 0 | 2 | 36 | 0 | 44 | 39 | 1 |
| 53 | 42 | 1 | 38 | 36 | 1 | 2 | 39 | 2 |
| 2 | 42 | 1 | 2 | 36 | 2 | 45 | 39 | 3 |
| 54 | 42 | 2 | 39 | 36 | 3 | 2 | 40 | 0 |
| | | | 2 | 37 | 0 | 46 | 40 | 0 |
| | | | | | | 2 | 40 | 1 |

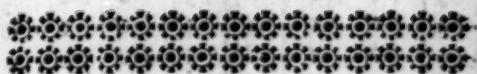
| | | | | | | | | |
|-----------------------|----|---|-----------------------|----|---|-------------|----|---|
| 47 | 40 | 2 | 30 In. Sqr. | | | 44 | 40 | 0 |
| 2 | 40 | 3 | 2 | 36 | 1 | 2 | 40 | 1 |
| 48 | 41 | 0 | 37 | 36 | 2 | 45 | 40 | 2 |
| 2 | 41 | 1 | 2 | 36 | 3 | 2 | 40 | 3 |
| 49 | 41 | 2 | 38 | 37 | 0 | 46 | 41 | 0 |
| 2 | 41 | 2 | 2 | 37 | 1 | 2 | 41 | 1 |
| 50 | 41 | 3 | 39 | 37 | 2 | 47 | 41 | 2 |
| 2 | 42 | 0 | 2 | 37 | 3 | 2 | 41 | 3 |
| 51 | 42 | 1 | 40 | 38 | 0 | 48 | 41 | 3 |
| 2 | 42 | 2 | 2 | 38 | 1 | 2 | 42 | 0 |
| 52 | 42 | 3 | 41 | 38 | 2 | 49 | 42 | 1 |
| 2 | 42 | 3 | 2 | 38 | 3 | 2 | 42 | 2 |
| 53 | 43 | 0 | 42 | 39 | 0 | 50 | 42 | 3 |
| 2 | 43 | 1 | 2 | 39 | 0 | 2 | 43 | 0 |
| 54 | 43 | 2 | 43 | 39 | 1 | 51 | 43 | 1 |
| 35 $\frac{1}{2}$ Sqr. | | | 2 | 39 | 2 | 2 | 43 | 1 |
| 36 | 35 | 3 | 44 | 39 | 3 | 52 | 43 | 2 |
| 2 | 36 | 0 | 2 | 40 | 0 | 2 | 43 | 3 |
| 37 | 36 | 1 | 45 | 40 | 1 | 53 | 44 | 0 |
| 2 | 36 | 2 | 2 | 40 | 2 | 2 | 44 | 0 |
| 38 | 36 | 3 | 46 | 40 | 3 | 54 | 44 | 1 |
| 2 | 37 | 0 | 2 | 41 | 0 | 37 In. Sqr. | | |
| 39 | 37 | 1 | 47 | 41 | 1 | 2 | 37 | 1 |
| 2 | 37 | 2 | 2 | 41 | 1 | 38 | 37 | 2 |
| 40 | 37 | 3 | 48 | 41 | 2 | 2 | 37 | 3 |
| 2 | 38 | 0 | 2 | 41 | 3 | 39 | 38 | 0 |
| 41 | 38 | 1 | 49 | 42 | 0 | 2 | 38 | 1 |
| 2 | 38 | 2 | 2 | 42 | 1 | 40 | 38 | 2 |
| 42 | 38 | 2 | 50 | 42 | 2 | 2 | 38 | 3 |
| 2 | 38 | 3 | 2 | 42 | 3 | 41 | 39 | 0 |
| 43 | 39 | 0 | 51 | 42 | 3 | 2 | 39 | 1 |
| 2 | 39 | 1 | 2 | 43 | 0 | 42 | 39 | 2 |
| 44 | 39 | 2 | 52 | 43 | 1 | 2 | 39 | 3 |
| 2 | 39 | 3 | 2 | 43 | 2 | 43 | 40 | 0 |
| 45 | 40 | 0 | 53 | 43 | 3 | 2 | 40 | 0 |
| 2 | 40 | 1 | 2 | 44 | 0 | 44 | 40 | 1 |
| 46 | 40 | 2 | 54 | 44 | 0 | 2 | 40 | 2 |
| 2 | 40 | 2 | 36 $\frac{1}{2}$ Sqr. | | | 45 | 40 | 3 |
| 47 | 40 | 3 | 37 | 36 | 3 | 2 | 41 | 0 |
| 2 | 41 | 0 | 2 | 37 | 0 | 46 | 41 | 1 |
| 48 | 41 | 1 | 38 | 37 | 1 | 2 | 41 | 2 |
| 2 | 41 | 2 | 2 | 37 | 2 | 47 | 41 | 3 |
| 49 | 41 | 3 | 39 | 37 | 3 | 2 | 42 | 0 |
| 2 | 42 | 0 | 2 | 38 | 0 | 48 | 42 | 1 |
| 50 | 42 | 1 | 40 | 38 | 1 | 2 | 42 | 1 |
| 2 | 42 | 1 | 2 | 38 | 2 | 49 | 42 | 2 |
| 51 | 42 | 2 | 41 | 38 | 3 | 2 | 42 | 3 |
| 2 | 42 | 3 | 2 | 39 | 0 | 50 | 43 | 0 |
| 52 | 43 | 0 | 42 | 39 | 1 | 2 | 43 | 1 |
| 2 | 43 | 1 | 2 | 39 | 2 | 51 | 43 | 2 |
| 53 | 43 | 1 | 43 | 39 | 2 | 2 | 43 | 3 |
| 2 | 43 | 2 | 2 | 39 | 3 | 52 | 43 | 3 |
| 54 | 43 | 3 | 2 | 39 | 3 | 2 | 44 | 0 |

| 37 $\frac{1}{2}$ Sqr. | | | 38 $\frac{1}{2}$ Sqr. | | | 39 $\frac{1}{2}$ Sqr. | | |
|-----------------------|----|---|-----------------------|----|---|-----------------------|----|---|
| 53 | 44 | 1 | 45 | 41 | 1 | 39 | 39 | 1 |
| 2 | 44 | 2 | 2 | 41 | 2 | 2 | 39 | 2 |
| 54 | 44 | 2 | 46 | 41 | 3 | 40 | 39 | 3 |
| 2 | 44 | 3 | 2 | 42 | 0 | 2 | 39 | 3 |
| | | | 47 | 42 | 1 | 41 | 40 | 0 |
| | | | 2 | 42 | 1 | 2 | 40 | 1 |
| 38 | 37 | 3 | 48 | 42 | 2 | 42 | 40 | 2 |
| 2 | 38 | 0 | 2 | 42 | 3 | 2 | 40 | 3 |
| 39 | 38 | 1 | 49 | 43 | 0 | 43 | 41 | 0 |
| 2 | 38 | 2 | 2 | 43 | 1 | 2 | 41 | 1 |
| 40 | 38 | 3 | 50 | 43 | 2 | 44 | 41 | 2 |
| 2 | 39 | 0 | 2 | 43 | 3 | 2 | 41 | 3 |
| 41 | 39 | 1 | 51 | 44 | 0 | 45 | 42 | 0 |
| 2 | 39 | 2 | 2 | 44 | 0 | 2 | 42 | 0 |
| 42 | 39 | 3 | 52 | 44 | 1 | 46 | 42 | 1 |
| 2 | 40 | 0 | 2 | 44 | 2 | 2 | 42 | 2 |
| 43 | 40 | 1 | 53 | 44 | 3 | 47 | 42 | 3 |
| 2 | 40 | 2 | 2 | 45 | 0 | 2 | 43 | 0 |
| 44 | 40 | 3 | 54 | 45 | 1 | 48 | 43 | 1 |
| 2 | 40 | 3 | | | | 2 | 43 | 2 |
| 45 | 41 | 0 | | | | 49 | 43 | 3 |
| 2 | 41 | 1 | | | | 2 | 44 | 0 |
| 46 | 41 | 2 | 39 | 38 | 3 | 50 | 44 | 1 |
| 2 | 41 | 3 | 2 | 39 | 0 | 2 | 44 | 1 |
| 47 | 42 | 0 | 40 | 39 | 1 | 51 | 44 | 2 |
| 2 | 42 | 1 | 2 | 39 | 2 | 2 | 44 | 3 |
| 48 | 42 | 2 | 41 | 39 | 3 | 52 | 45 | 0 |
| 2 | 42 | 3 | 2 | 40 | 0 | 2 | 45 | 1 |
| 49 | 42 | 3 | 42 | 40 | 1 | 53 | 45 | 2 |
| 2 | 43 | 0 | 2 | 40 | 2 | 2 | 45 | 3 |
| 50 | 43 | 1 | 43 | 40 | 3 | 54 | 46 | 0 |
| 2 | 43 | 2 | 2 | 41 | 0 | | | |
| 51 | 43 | 3 | 44 | 41 | 1 | | | |
| 2 | 44 | 0 | 2 | 41 | 2 | | | |
| 52 | 44 | 1 | 45 | 41 | 2 | 40 | 39 | 3 |
| 2 | 44 | 1 | 2 | 41 | 3 | 2 | 40 | 0 |
| 53 | 44 | 2 | 46 | 42 | 0 | 41 | 40 | 1 |
| 2 | 44 | 3 | 2 | 42 | 1 | 2 | 40 | 2 |
| 54 | 45 | 0 | 47 | 42 | 2 | 42 | 40 | 3 |
| | | | 2 | 42 | 3 | 2 | 41 | 0 |
| | | | 48 | 43 | 0 | 43 | 41 | 1 |
| | | | 2 | 43 | 1 | 2 | 41 | 2 |
| | | | 49 | 43 | 2 | 44 | 41 | 3 |
| | | | 2 | 43 | 3 | 2 | 42 | 0 |
| | | | 50 | 43 | 3 | 45 | 42 | 1 |
| | | | 2 | 44 | 0 | 2 | 42 | 2 |
| | | | 51 | 44 | 1 | 46 | 42 | 3 |
| | | | 2 | 44 | 2 | 2 | 42 | 3 |
| | | | 52 | 44 | 3 | 47 | 43 | 0 |
| | | | 2 | 45 | 0 | 2 | 43 | 1 |
| | | | 53 | 45 | 1 | 48 | 43 | 2 |
| | | | 2 | 45 | 1 | 2 | 43 | 3 |
| | | | 54 | 45 | 2 | 49 | 44 | 0 |
| | | | | | | 2 | 44 | 1 |

| | | | | | | | | |
|-----------------------|----|---|-----------------------|----|---|-----------------------|----|---|
| 50 | 44 | 2 | 47 | 43 | 2 | 46 | 43 | 3 |
| 2 | 44 | 3 | 2 | 43 | 3 | 2 | 44 | 0 |
| 51 | 45 | 0 | 48 | 44 | 0 | 47 | 44 | 1 |
| 2 | 45 | 0 | 2 | 44 | 1 | 2 | 44 | 2 |
| 52 | 45 | 1 | 49 | 44 | 2 | 48 | 44 | 3 |
| 2 | 45 | 2 | 2 | 44 | 3 | 2 | 44 | 3 |
| 53 | 45 | 3 | 50 | 45 | 0 | 49 | 45 | 0 |
| 2 | 46 | 0 | 2 | 45 | 1 | 2 | 45 | 1 |
| 54 | 46 | 1 | 51 | 45 | 2 | 50 | 45 | 2 |
| | | | 2 | 45 | 3 | 2 | 45 | 3 |
| 40 In. Sqr. | | | 52 | 46 | 0 | 51 | 46 | 0 |
| 2 | 40 | 1 | 2 | 46 | 0 | 2 | 46 | 1 |
| 41 | 40 | 2 | 53 | 46 | 1 | 52 | 46 | 2 |
| 2 | 40 | 3 | 2 | 46 | 2 | 2 | 46 | 3 |
| 42 | 41 | 0 | 54 | 46 | 3 | 53 | 47 | 0 |
| 2 | 41 | 1 | | | | 2 | 47 | 0 |
| 43 | 41 | 2 | 41 In. Sqr. | | | 54 | 47 | 1 |
| 2 | 41 | 3 | 2 | 41 | 1 | | | |
| 44 | 42 | 0 | 42 | 41 | 2 | 42 In. Sqr. | | |
| 2 | 42 | 1 | 2 | 41 | 3 | 2 | 42 | 1 |
| 45 | 42 | 2 | 43 | 42 | 0 | 43 | 42 | 2 |
| 2 | 42 | 3 | 2 | 42 | 1 | 2 | 42 | 3 |
| 46 | 43 | 0 | 44 | 42 | 2 | 44 | 43 | 0 |
| 2 | 43 | 1 | 2 | 42 | 3 | 2 | 43 | 1 |
| 47 | 43 | 1 | 45 | 43 | 0 | 45 | 43 | 2 |
| 2 | 43 | 2 | 2 | 43 | 1 | 2 | 43 | 3 |
| 48 | 43 | 3 | 46 | 43 | 2 | 46 | 44 | 0 |
| 2 | 44 | 0 | 2 | 43 | 3 | 2 | 44 | 1 |
| 49 | 44 | 1 | 47 | 44 | 0 | 47 | 44 | 2 |
| 2 | 44 | 2 | 2 | 44 | 1 | 2 | 44 | 3 |
| 50 | 44 | 3 | 48 | 44 | 1 | 48 | 45 | 0 |
| 2 | 45 | 0 | 2 | 44 | 2 | 2 | 45 | 1 |
| 51 | 45 | 1 | 49 | 44 | 3 | 49 | 45 | 1 |
| 2 | 45 | 2 | 2 | 45 | 0 | 2 | 45 | 2 |
| 52 | 45 | 2 | 50 | 45 | 1 | 50 | 45 | 3 |
| 2 | 45 | 3 | 2 | 45 | 2 | 2 | 46 | 0 |
| 53 | 46 | 0 | 51 | 45 | 3 | 51 | 46 | 1 |
| 2 | 46 | 1 | 2 | 46 | 0 | 2 | 46 | 2 |
| 54 | 46 | 2 | 52 | 46 | 1 | 52 | 46 | 3 |
| | | | 2 | 46 | 2 | 2 | 47 | 0 |
| 40 $\frac{1}{2}$ Sqr. | | | 53 | 46 | 2 | 53 | 47 | 1 |
| 41 | 40 | 3 | 2 | 46 | 3 | 2 | 47 | 2 |
| 2 | 41 | 0 | 54 | 47 | 0 | 54 | 47 | 2 |
| 42 | 41 | 1 | | | | | | |
| 2 | 41 | 2 | 41 $\frac{1}{2}$ Sqr. | | | 42 $\frac{1}{2}$ Sqr. | | |
| 43 | 41 | 3 | 42 | 41 | 3 | 43 | 42 | 3 |
| 2 | 42 | 0 | 2 | 42 | 0 | 2 | 43 | 0 |
| 44 | 42 | 1 | 43 | 42 | 1 | 44 | 43 | 1 |
| 2 | 42 | 2 | 2 | 42 | 2 | 2 | 43 | 2 |
| 45 | 42 | 3 | 44 | 42 | 3 | 45 | 43 | 3 |
| 2 | 43 | 0 | 2 | 43 | 0 | 2 | 44 | 0 |
| 46 | 43 | 1 | 45 | 43 | 1 | 46 | 44 | 1 |
| 2 | 43 | 2 | 2 | 43 | 2 | 2 | 44 | 2 |

| | | | | | | | |
|----|--------------------|---|----|--------------------|---|----|--------------------|
| 47 | 44 | 3 | 50 | 46 | 3 | 45 | In. Sqr. |
| 2 | 45 | 0 | 2 | 46 | 3 | 2 | 45 1 |
| 48 | 45 | 1 | 51 | 47 | 0 | 46 | 45 2 |
| 2 | 45 | 2 | 2 | 47 | 1 | 2 | 45 3 |
| 49 | 45 | 2 | 52 | 47 | 2 | 47 | 46 0 |
| 2 | 45 | 3 | 2 | 47 | 3 | 2 | 46 1 |
| 50 | 46 | 0 | 53 | 48 | 0 | 48 | 46 2 |
| 2 | 46 | 1 | 2 | 48 | 1 | 2 | 46 3 |
| 51 | 46 | 2 | 54 | 48 | 2 | 49 | 47 0 |
| 2 | 46 | 3 | | | | 2 | 47 1 |
| 52 | 47 | 0 | 44 | In. Sqr. | | 50 | 47 2 |
| 2 | 47 | 1 | 2 | 44 | 1 | 2 | 47 3 |
| 53 | 47 | 2 | 45 | 44 | 2 | 51 | 48 0 |
| 2 | 47 | 3 | 2 | 44 | 3 | 2 | 48 1 |
| 54 | 48 | 0 | 46 | 45 | 0 | 52 | 48 1 |
| | | | 2 | 45 | 1 | 2 | 48 2 |
| 43 | In. Sqr. | | 47 | 45 | 2 | 53 | 48 3 |
| 2 | 43 | 1 | 2 | 45 | 3 | 2 | 49 0 |
| 44 | 43 | 2 | 48 | 46 | 0 | 54 | 49 1 |
| 2 | 43 | 3 | 2 | 46 | 1 | | |
| 45 | 44 | 0 | 49 | 46 | 2 | 45 | $\frac{1}{2}$ Sqr. |
| 2 | 44 | 1 | 2 | 46 | 3 | 46 | 45 3 |
| 46 | 44 | 2 | 50 | 47 | 0 | 2 | 46 0 |
| 2 | 44 | 3 | 2 | 47 | 1 | 47 | 46 1 |
| 47 | 45 | 0 | 51 | 47 | 1 | 2 | 46 2 |
| 2 | 45 | 1 | 2 | 47 | 2 | 48 | 46 3 |
| 48 | 45 | 2 | 52 | 47 | 3 | 2 | 47 0 |
| 2 | 45 | 3 | 2 | 48 | 0 | 49 | 47 1 |
| 49 | 46 | 0 | 53 | 48 | 1 | 2 | 47 2 |
| 2 | 46 | 1 | 2 | 48 | 2 | 50 | 47 3 |
| 50 | 46 | 1 | 54 | 48 | 3 | 2 | 48 0 |
| 2 | 46 | 2 | | | | 51 | 48 1 |
| 51 | 46 | 3 | | | | 2 | 48 2 |
| 2 | 47 | 0 | 44 | $\frac{1}{2}$ Sqr. | | 52 | 48 3 |
| 52 | 47 | 1 | 45 | 44 | 3 | 2 | 48 3 |
| 2 | 47 | 2 | 2 | 45 | 0 | 53 | 49 0 |
| 53 | 47 | 3 | 46 | 45 | 1 | 2 | 49 1 |
| 2 | 48 | 0 | 2 | 45 | 2 | 54 | 49 2 |
| 54 | 48 | 1 | 47 | 45 | 3 | | |
| | | | 2 | 46 | 0 | 46 | In. Sqr. |
| 43 | $\frac{1}{2}$ Sqr. | | 48 | 46 | 1 | 2 | 46 1 |
| 44 | 43 | 3 | 2 | 46 | 2 | 47 | 46 2 |
| 2 | 44 | 0 | 49 | 46 | 3 | 2 | 46 3 |
| 45 | 44 | 1 | 2 | 47 | 0 | 48 | 47 0 |
| 2 | 44 | 2 | 50 | 47 | 1 | 2 | 47 1 |
| 46 | 44 | 3 | 2 | 47 | 2 | 49 | 47 2 |
| 2 | 45 | 0 | 51 | 47 | 3 | 2 | 47 3 |
| 47 | 45 | 1 | 2 | 47 | 3 | 50 | 48 0 |
| 2 | 45 | 2 | 52 | 48 | 0 | 2 | 48 1 |
| 48 | 45 | 3 | 2 | 48 | 1 | 51 | 48 2 |
| 2 | 46 | 0 | 53 | 48 | 2 | 2 | 48 3 |
| 49 | 46 | 1 | 2 | 48 | 3 | 52 | 49 0 |
| 2 | 46 | 2 | 54 | 49 | 0 | 2 | 49 0 |

| | | | | | | | | |
|-----------------------|----|---|-----------------------|----|---|-----------------------|----|---|
| 53 | 49 | 1 | 49 | 48 | 2 | 53 | 51 | 2 |
| 2 | 49 | 2 | 2 | 48 | 3 | 2 | 51 | 3 |
| 54 | 49 | 3 | 50 | 49 | 0 | 54 | 52 | 0 |
| | | | 2 | 49 | 1 | | | |
| 46 $\frac{1}{2}$ Sqr. | | | 51 | 49 | 2 | 50 $\frac{1}{2}$ Sqr. | | |
| 47 | 46 | 3 | 2 | 49 | 3 | 51 | 50 | 3 |
| 2 | 47 | 0 | 52 | 50 | 0 | 2 | 51 | 0 |
| 48 | 47 | 1 | 2 | 50 | 1 | 52 | 51 | 1 |
| 2 | 47 | 2 | 53 | 50 | 2 | 2 | 51 | 2 |
| 49 | 47 | 3 | 2 | 50 | 3 | 53 | 51 | 3 |
| 2 | 48 | 0 | 54 | 51 | 0 | 2 | 52 | 0 |
| 50 | 48 | 1 | 48 $\frac{1}{2}$ Sqr. | | | 54 | 52 | 1 |
| 2 | 48 | 2 | 49 | 48 | 3 | 51 In. Sqr. | | |
| 51 | 48 | 3 | 2 | 49 | 0 | 2 | 51 | 1 |
| 2 | 49 | 0 | 50 | 49 | 1 | 52 | 51 | 2 |
| 52 | 49 | 1 | 2 | 49 | 2 | 2 | 51 | 3 |
| 2 | 49 | 2 | 51 | 49 | 3 | 53 | 52 | 0 |
| 53 | 49 | 3 | 2 | 50 | 0 | 2 | 52 | 1 |
| 2 | 49 | 3 | 52 | 50 | 1 | 54 | 52 | 2 |
| 54 | 50 | 0 | 2 | 50 | 2 | 51 $\frac{1}{2}$ Sqr. | | |
| 47 In. Sqr. | | | 53 | 50 | 3 | 52 | 51 | 3 |
| 2 | 47 | 1 | 2 | 51 | 0 | 2 | 52 | 0 |
| 48 | 47 | 2 | 54 | 51 | 1 | 53 | 52 | 1 |
| 2 | 47 | 3 | 49 In. Sqr. | | | 2 | 52 | 2 |
| 49 | 48 | 0 | 2 | 49 | 1 | 54 | 52 | 3 |
| 2 | 48 | 1 | 50 | 49 | 2 | 52 In. Sqr. | | |
| 50 | 48 | 2 | 2 | 49 | 3 | 2 | 52 | 1 |
| 2 | 48 | 3 | 51 | 50 | 0 | 53 | 52 | 2 |
| 51 | 49 | 0 | 2 | 50 | 1 | 2 | 52 | 3 |
| 2 | 49 | 1 | 52 | 50 | 2 | 54 | 53 | 0 |
| 52 | 49 | 2 | 2 | 50 | 3 | 52 $\frac{1}{2}$ Sqr. | | |
| 2 | 49 | 3 | 53 | 51 | 0 | 53 | 52 | 3 |
| 53 | 50 | 0 | 2 | 51 | 1 | 2 | 53 | 0 |
| 2 | 50 | 1 | 54 | 51 | 2 | 53 In. Sqr. | | |
| 54 | 50 | 2 | 49 $\frac{1}{2}$ Sqr. | | | 2 | 53 | 1 |
| 47 $\frac{1}{2}$ Sqr. | | | 50 | 49 | 3 | 54 | 53 | 2 |
| 48 | 47 | 3 | 2 | 50 | 0 | 53 $\frac{1}{2}$ Sqr. | | |
| 2 | 48 | 0 | 51 | 50 | 1 | 54 | 53 | 3 |
| 49 | 48 | 1 | 2 | 50 | 2 | 54 In. Sqr. | | |
| 2 | 48 | 2 | 52 | 50 | 3 | | | |
| 50 | 48 | 3 | 2 | 51 | 0 | | | |
| 2 | 49 | 0 | 53 | 51 | 1 | | | |
| 51 | 49 | 1 | 2 | 51 | 2 | | | |
| 2 | 49 | 2 | 54 | 51 | 3 | | | |
| 52 | 49 | 3 | 50 In. Sqr. | | | | | |
| 2 | 50 | 0 | 2 | 50 | 1 | | | |
| 53 | 50 | 1 | 51 | 50 | 2 | | | |
| 2 | 50 | 2 | 2 | 50 | 3 | | | |
| 54 | 50 | 3 | 52 | 51 | 0 | | | |
| 48 In. Sqr. | | | 2 | 51 | 1 | | | |
| 2 | 48 | 1 | 2 | 51 | 2 | | | |



A N E W
T A B L E
O F
Solid Measure,

Ready cast up;

Whereby the *Solid Content*, and
consequently the *Value* of any
Piece or Quantity of *Timber*,
Stone, &c. may be found,
AT SIGHT, from 2 *Inches* to
54 *Inches*, the *Side* of the
Square, (or one *Fourth* of the
Girt;) and from one *Quarter*
of a *Foot* to 45 *Feet* the
Length :

And therefore, by *Addition* only, may
serve to any greater *Square* or *Length*
if there should ever be Occasion.



| Ft. long | Side 2 Inches. | | | Ft. long | Side 2 $\frac{1}{4}$ Inch. | | |
|---------------------|----------------|-----|--------|---------------------|----------------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 0 | 0 | 4 | 1 | 0 | 0 | 5 |
| 2 | 0 | 0 | 8 | 2 | 0 | 0 | 10 |
| 3 | 0 | 1 | 0 | 3 | 0 | 1 | 3 |
| 4 | 0 | 1 | 4 | 4 | 0 | 1 | 8 |
| 5 | 0 | 1 | 8 | 5 | 0 | 2 | 1 |
| 6 | 0 | 2 | 0 | 6 | 0 | 2 | 6 |
| 7 | 0 | 2 | 4 | 7 | 0 | 2 | 11 |
| 8 | 0 | 2 | 8 | 8 | 0 | 3 | 4 |
| 9 | 0 | 3 | 0 | 9 | 0 | 3 | 9 |
| 10 | 0 | 3 | 4 | 10 | 0 | 4 | 2 |
| 11 | 0 | 3 | 8 | 11 | 0 | 4 | 7 |
| 12 | 0 | 4 | 0 | 12 | 0 | 5 | 0 |
| 13 | 0 | 4 | 4 | 13 | 0 | 5 | 5 |
| 14 | 0 | 4 | 8 | 14 | 0 | 5 | 10 |
| 15 | 0 | 5 | 0 | 15 | 0 | 6 | 3 |
| 16 | 0 | 5 | 4 | 16 | 0 | 6 | 9 |
| 17 | 0 | 5 | 8 | 17 | 0 | 7 | 2 |
| 18 | 0 | 6 | 0 | 18 | 0 | 7 | 7 |
| 19 | 0 | 6 | 4 | 19 | 0 | 8 | 0 |
| 20 | 0 | 6 | 8 | 20 | 0 | 8 | 5 |
| 21 | 0 | 7 | 0 | 21 | 0 | 8 | 10 |
| 22 | 0 | 7 | 4 | 22 | 0 | 9 | 3 |
| 23 | 0 | 7 | 8 | 23 | 0 | 9 | 8 |
| 24 | 0 | 8 | 0 | 24 | 0 | 10 | 1 |
| 25 | 0 | 8 | 4 | 25 | 0 | 10 | 6 |
| 26 | 0 | 8 | 8 | 26 | 0 | 10 | 11 |
| 27 | 0 | 9 | 0 | 27 | 0 | 11 | 4 |
| 28 | 0 | 9 | 4 | 28 | 0 | 11 | 9 |
| 29 | 0 | 9 | 8 | 29 | 1 | 0 | 2 |
| 30 | 0 | 10 | 0 | 30 | 1 | 0 | 7 |
| 31 | 0 | 10 | 4 | 31 | 1 | 1 | 0 |
| 32 | 0 | 10 | 8 | 32 | 1 | 1 | 6 |
| 33 | 0 | 11 | 0 | 33 | 1 | 1 | 11 |
| 34 | 0 | 11 | 4 | 34 | 1 | 2 | 4 |
| 35 | 0 | 11 | 8 | 35 | 1 | 2 | 9 |
| 36 | 1 | 0 | 0 | 36 | 1 | 3 | 2 |
| 37 | 1 | 0 | 4 | 37 | 1 | 3 | 7 |
| 38 | 1 | 0 | 8 | 38 | 1 | 4 | 0 |
| 39 | 1 | 1 | 0 | 39 | 1 | 4 | 5 |
| 40 | 1 | 1 | 4 | 40 | 1 | 4 | 10 |
| 41 | 1 | 1 | 8 | 41 | 1 | 5 | 3 |
| 42 | 1 | 2 | 0 | 42 | 1 | 5 | 8 |
| 43 | 1 | 2 | 4 | 43 | 1 | 6 | 1 |
| 44 | 1 | 2 | 8 | 44 | 1 | 6 | 6 |
| 45 | 1 | 3 | 0 | 45 | 1 | 6 | 11 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 0 | 0 | 1 0 | $\frac{1}{4}$ | 0 | 0 | 1 3 |
| $\frac{1}{2}$ | 0 | 0 | 2 0 | $\frac{1}{2}$ | 0 | 0 | 2 6 |
| $\frac{3}{4}$ | 0 | 0 | 3 0 | $\frac{3}{4}$ | 0 | 0 | 3 9 |

| Ft. long | Side 3 Inches. | | | Ft. long | Side 3 $\frac{1}{4}$ | | |
|---------------------|----------------|-----|--------|---------------------|----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 0 | 0 | 9 | 1 | 0 | 0 | 10 |
| 2 | 0 | 1 | 6 | 2 | 0 | 1 | 9 |
| 3 | 0 | 2 | 3 | 3 | 0 | 2 | 7 |
| 4 | 0 | 3 | 0 | 4 | 0 | 3 | 6 |
| 5 | 0 | 3 | 9 | 5 | 0 | 4 | 4 |
| 6 | 0 | 4 | 6 | 6 | 0 | 5 | 3 |
| 7 | 0 | 5 | 3 | 7 | 0 | 6 | 1 |
| 8 | 0 | 6 | 0 | 8 | 0 | 7 | 0 |
| 9 | 0 | 6 | 9 | 9 | 0 | 7 | 11 |
| 10 | 0 | 7 | 6 | 10 | 0 | 8 | 9 |
| 11 | 0 | 8 | 3 | 11 | 0 | 9 | 8 |
| 12 | 0 | 9 | 0 | 12 | 0 | 10 | 6 |
| 13 | 0 | 9 | 9 | 13 | 0 | 11 | 5 |
| 14 | 0 | 10 | 6 | 14 | 1 | 0 | 3 |
| 15 | 0 | 11 | 3 | 15 | 1 | 1 | 2 |
| 16 | 1 | 0 | 0 | 16 | 1 | 2 | 1 |
| 17 | 1 | 0 | 9 | 17 | 1 | 2 | 11 |
| 18 | 1 | 1 | 6 | 18 | 1 | 3 | 10 |
| 19 | 1 | 2 | 3 | 19 | 1 | 4 | 8 |
| 20 | 1 | 3 | 0 | 20 | 1 | 5 | 7 |
| 21 | 1 | 3 | 9 | 21 | 1 | 6 | 5 |
| 22 | 1 | 4 | 6 | 22 | 1 | 7 | 4 |
| 23 | 1 | 5 | 3 | 23 | 1 | 8 | 2 |
| 24 | 1 | 6 | 0 | 24 | 1 | 9 | 1 |
| 25 | 1 | 6 | 9 | 25 | 1 | 10 | 0 |
| 26 | 1 | 7 | 6 | 26 | 1 | 10 | 10 |
| 27 | 1 | 8 | 3 | 27 | 1 | 11 | 9 |
| 28 | 1 | 9 | 0 | 28 | 2 | 0 | 7 |
| 29 | 1 | 9 | 9 | 29 | 2 | 1 | 6 |
| 30 | 1 | 10 | 6 | 30 | 2 | 2 | 4 |
| 31 | 1 | 11 | 3 | 31 | 2 | 3 | 3 |
| 32 | 2 | 0 | 0 | 32 | 2 | 4 | 2 |
| 33 | 2 | 0 | 9 | 33 | 2 | 5 | 0 |
| 34 | 2 | 1 | 6 | 34 | 2 | 5 | 11 |
| 35 | 2 | 2 | 3 | 35 | 2 | 6 | 9 |
| 36 | 2 | 3 | 0 | 36 | 2 | 7 | 8 |
| 37 | 2 | 3 | 9 | 37 | 2 | 8 | 6 |
| 38 | 2 | 4 | 6 | 38 | 2 | 9 | 5 |
| 39 | 2 | 5 | 3 | 39 | 2 | 10 | 3 |
| 40 | 2 | 6 | 0 | 40 | 2 | 11 | 2 |
| 41 | 2 | 6 | 9 | 41 | 3 | 0 | 1 |
| 42 | 2 | 7 | 6 | 42 | 3 | 0 | 11 |
| 43 | 2 | 8 | 3 | 43 | 3 | 1 | 10 |
| 44 | 2 | 9 | 0 | 44 | 3 | 2 | 8 |
| 45 | 2 | 9 | 9 | 45 | 3 | 3 | 7 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 0 | 0 | 2 3 | $\frac{1}{4}$ | 0 | 0 | 2 6 |
| $\frac{1}{2}$ | 0 | 0 | 4 6 | $\frac{1}{2}$ | 0 | 0 | 5 0 |
| $\frac{3}{4}$ | 0 | 0 | 6 9 | $\frac{3}{4}$ | 0 | 0 | 7 6 |

| Pa. | Ft. long | Side $3\frac{1}{2}$ | | | Ft. long | Pa. | Side $3\frac{1}{4}$ | | |
|---------------------|----------|---------------------|-----|-----|---------------|-----|---------------------|-----|-----|
| | | Ft. | In. | Pa. | | | Ft. | In. | Pa. |
| 10 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 2 | |
| 9 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 4 | |
| 7 | 3 | 0 | 3 | 0 | 3 | 0 | 3 | 6 | |
| 6 | 4 | 0 | 4 | 1 | 4 | 0 | 4 | 8 | |
| 4 | 5 | 0 | 5 | 1 | 5 | 0 | 5 | 10 | |
| 3 | 6 | 0 | 6 | 1 | 6 | 0 | 7 | 0 | |
| 1 | 7 | 0 | 7 | 1 | 7 | 0 | 8 | 2 | |
| 0 | 8 | 0 | 8 | 2 | 8 | 0 | 9 | 4 | |
| 11 | 9 | 0 | 9 | 2 | 9 | 0 | 10 | 6 | |
| 9 | 10 | 0 | 10 | 2 | 10 | 0 | 11 | 8 | |
| 8 | 11 | 0 | 11 | 2 | 11 | 1 | 0 | 10 | |
| 6 | 12 | 1 | 0 | 3 | 12 | 1 | 2 | 0 | |
| 5 | 13 | 1 | 1 | 3 | 13 | 1 | 3 | 2 | |
| 3 | 14 | 1 | 2 | 3 | 14 | 1 | 4 | 4 | |
| 2 | 15 | 1 | 3 | 3 | 15 | 1 | 5 | 6 | |
| 1 | 16 | 1 | 4 | 4 | 16 | 1 | 6 | 9 | |
| 11 | 17 | 1 | 5 | 4 | 17 | 1 | 7 | 11 | |
| 10 | 18 | 1 | 6 | 4 | 18 | 1 | 9 | 1 | |
| 8 | 19 | 1 | 7 | 4 | 19 | 1 | 10 | 3 | |
| 7 | 20 | 1 | 8 | 5 | 20 | 1 | 11 | 5 | |
| 5 | 21 | 1 | 9 | 5 | 21 | 2 | 0 | 7 | |
| 4 | 22 | 1 | 10 | 5 | 22 | 2 | 1 | 9 | |
| 2 | 23 | 1 | 11 | 5 | 23 | 2 | 2 | 11 | |
| 1 | 24 | 2 | 0 | 6 | 24 | 2 | 4 | 1 | |
| 0 | 25 | 2 | 1 | 6 | 25 | 2 | 5 | 3 | |
| 10 | 26 | 2 | 2 | 6 | 26 | 2 | 6 | 5 | |
| 9 | 27 | 2 | 3 | 6 | 27 | 2 | 7 | 7 | |
| 7 | 28 | 2 | 4 | 7 | 28 | 2 | 8 | 9 | |
| 6 | 29 | 2 | 5 | 7 | 29 | 2 | 9 | 11 | |
| 4 | 30 | 2 | 6 | 7 | 30 | 2 | 11 | 1 | |
| 3 | 31 | 2 | 7 | 7 | 31 | 3 | 0 | 3 | |
| 2 | 32 | 2 | 8 | 8 | 32 | 3 | 1 | 6 | |
| 0 | 33 | 2 | 9 | 8 | 33 | 3 | 2 | 8 | |
| 11 | 34 | 2 | 10 | 8 | 34 | 3 | 3 | 10 | |
| 9 | 35 | 2 | 11 | 8 | 35 | 3 | 5 | 0 | |
| 8 | 36 | 3 | 0 | 9 | 36 | 3 | 6 | 2 | |
| 6 | 37 | 3 | 1 | 9 | 37 | 3 | 7 | 4 | |
| 5 | 38 | 3 | 2 | 9 | 38 | 3 | 8 | 6 | |
| 3 | 39 | 3 | 3 | 9 | 39 | 3 | 9 | 8 | |
| 2 | 40 | 3 | 4 | 10 | 40 | 3 | 10 | 10 | |
| 1 | 41 | 3 | 5 | 10 | 41 | 4 | 0 | 0 | |
| 11 | 42 | 3 | 6 | 10 | 42 | 4 | 1 | 2 | |
| 10 | 43 | 3 | 7 | 10 | 43 | 4 | 2 | 4 | |
| 8 | 44 | 3 | 8 | 11 | 44 | 4 | 3 | 6 | |
| 7 | 45 | 3 | 9 | 11 | 45 | 4 | 4 | 8 | |
| Quarters of a Foot. | | | | | | | | | |
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| $\frac{1}{4}$ | 0 | 0 | 3 | 0 | $\frac{1}{4}$ | 0 | 0 | 3 | 6 |
| $\frac{1}{2}$ | 0 | 0 | 6 | 0 | $\frac{1}{2}$ | 0 | 0 | 7 | 0 |
| $\frac{3}{4}$ | 0 | 0 | 9 | 0 | $\frac{3}{4}$ | 0 | 0 | 10 | 6 |

| Ft. long | Side 4 inches. | | | Ft. long | Side 4 $\frac{1}{4}$ | | |
|----------|----------------|-----|-----|----------|----------------------|-----|-----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 0 | 1 | 4 | 1 | 0 | 1 | 6 |
| 2 | 0 | 2 | 8 | 2 | 0 | 3 | 0 |
| 3 | 0 | 4 | 0 | 3 | 0 | 4 | 6 |
| 4 | 0 | 5 | 4 | 4 | 0 | 6 | 0 |
| 5 | 0 | 6 | 8 | 5 | 0 | 7 | 6 |
| 6 | 0 | 8 | 0 | 6 | 0 | 9 | 0 |
| 7 | 0 | 9 | 4 | 7 | 0 | 10 | 6 |
| 8 | 0 | 10 | 8 | 8 | 1 | 0 | 0 |
| 9 | 1 | 0 | 0 | 9 | 1 | 1 | 6 |
| 10 | 1 | 1 | 4 | 10 | 1 | 3 | 0 |
| 11 | 1 | 2 | 8 | 11 | 1 | 4 | 6 |
| 12 | 1 | 4 | 0 | 12 | 1 | 6 | 0 |
| 13 | 1 | 5 | 4 | 13 | 1 | 7 | 6 |
| 14 | 1 | 6 | 8 | 14 | 1 | 9 | 0 |
| 15 | 1 | 8 | 0 | 15 | 1 | 10 | 6 |
| 16 | 1 | 9 | 4 | 16 | 2 | 0 | 1 |
| 17 | 1 | 10 | 8 | 17 | 2 | 1 | 7 |
| 18 | 2 | 0 | 0 | 18 | 2 | 3 | 1 |
| 19 | 2 | 1 | 4 | 19 | 2 | 4 | 7 |
| 20 | 2 | 2 | 8 | 20 | 2 | 6 | 1 |
| 21 | 2 | 4 | 0 | 21 | 2 | 7 | 7 |
| 22 | 2 | 5 | 4 | 22 | 2 | 9 | 1 |
| 23 | 2 | 6 | 8 | 23 | 2 | 10 | 7 |
| 24 | 2 | 8 | 0 | 24 | 3 | 0 | 1 |
| 25 | 2 | 9 | 4 | 25 | 3 | 1 | 7 |
| 26 | 2 | 10 | 8 | 26 | 3 | 3 | 1 |
| 27 | 3 | 0 | 0 | 27 | 3 | 4 | 7 |
| 28 | 3 | 1 | 4 | 28 | 3 | 6 | 1 |
| 29 | 3 | 2 | 8 | 29 | 3 | 7 | 7 |
| 30 | 3 | 4 | 0 | 30 | 3 | 9 | 1 |
| 31 | 3 | 5 | 4 | 31 | 3 | 10 | 7 |
| 32 | 3 | 6 | 8 | 32 | 4 | 0 | 2 |
| 33 | 3 | 8 | 0 | 33 | 4 | 1 | 8 |
| 34 | 3 | 9 | 4 | 34 | 4 | 3 | 2 |
| 35 | 3 | 10 | 8 | 35 | 4 | 4 | 8 |
| 36 | 4 | 0 | 0 | 36 | 4 | 6 | 2 |
| 37 | 4 | 1 | 4 | 37 | 4 | 7 | 8 |
| 38 | 4 | 2 | 8 | 38 | 4 | 9 | 2 |
| 39 | 4 | 4 | 0 | 39 | 4 | 10 | 8 |
| 40 | 4 | 5 | 4 | 40 | 5 | 0 | 2 |
| 41 | 4 | 6 | 8 | 41 | 5 | 1 | 8 |
| 42 | 4 | 8 | 0 | 42 | 5 | 3 | 2 |
| 43 | 4 | 9 | 4 | 43 | 5 | 4 | 8 |
| 44 | 4 | 10 | 8 | 44 | 5 | 6 | 2 |
| 45 | 5 | 0 | 0 | 45 | 5 | 7 | 8 |

| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
|---------------------|-----|-----|--------|---------------------|-----|-----|--------|
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 0 | 0 | 4 0 | $\frac{1}{4}$ | 0 | 0 | 4 6 |
| $\frac{1}{2}$ | 0 | 0 | 8 0 | $\frac{1}{2}$ | 0 | 0 | 9 0 |
| $\frac{3}{4}$ | 0 | 1 | 0 0 | $\frac{3}{4}$ | 0 | 1 | 1 6 |

| Ft. long | Side 4 $\frac{1}{2}$ | | | Ft. long | Side 4 $\frac{1}{2}$ | | |
|---------------------|----------------------|-----|--------|---------------------|----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 0 | 1 | 8 | 1 | 0 | 1 | 10 |
| 2 | 0 | 3 | 4 | 2 | 0 | 3 | 9 |
| 3 | 0 | 5 | 0 | 3 | 0 | 5 | 7 |
| 4 | 0 | 6 | 9 | 4 | 0 | 7 | 6 |
| 5 | 0 | 8 | 5 | 5 | 0 | 9 | 4 |
| 6 | 0 | 10 | 1 | 6 | 0 | 11 | 3 |
| 7 | 0 | 11 | 9 | 7 | 1 | 1 | 1 |
| 8 | 1 | 1 | 6 | 8 | 1 | 3 | 0 |
| 9 | 1 | 2 | 2 | 9 | 1 | 4 | 11 |
| 10 | 1 | 4 | 10 | 10 | 1 | 6 | 9 |
| 11 | 1 | 6 | 6 | 11 | 1 | 8 | 8 |
| 12 | 1 | 8 | 3 | 12 | 1 | 10 | 6 |
| 13 | 1 | 9 | 11 | 13 | 2 | 0 | 5 |
| 14 | 1 | 11 | 7 | 14 | 2 | 2 | 3 |
| 15 | 2 | 1 | 3 | 15 | 2 | 4 | 2 |
| 16 | 2 | 3 | 0 | 16 | 2 | 6 | 1 |
| 17 | 2 | 4 | 8 | 17 | 2 | 7 | 11 |
| 18 | 2 | 6 | 4 | 18 | 2 | 9 | 10 |
| 19 | 2 | 8 | 0 | 19 | 2 | 11 | 8 |
| 20 | 2 | 9 | 9 | 20 | 3 | 1 | 7 |
| 21 | 2 | 11 | 5 | 21 | 3 | 3 | 5 |
| 22 | 3 | 1 | 1 | 22 | 3 | 5 | 4 |
| 23 | 3 | 2 | 9 | 23 | 3 | 7 | 2 |
| 24 | 3 | 4 | 6 | 24 | 3 | 9 | 1 |
| 25 | 3 | 6 | 2 | 25 | 3 | 11 | 0 |
| 26 | 3 | 7 | 10 | 26 | 4 | 0 | 10 |
| 27 | 3 | 9 | 6 | 27 | 4 | 2 | 9 |
| 28 | 3 | 11 | 3 | 28 | 4 | 4 | 7 |
| 29 | 4 | 0 | 11 | 29 | 4 | 6 | 6 |
| 30 | 4 | 2 | 7 | 30 | 4 | 8 | 4 |
| 31 | 4 | 4 | 3 | 31 | 4 | 10 | 3 |
| 32 | 4 | 6 | 0 | 32 | 5 | 0 | 2 |
| 33 | 4 | 7 | 8 | 33 | 5 | 2 | 0 |
| 34 | 4 | 9 | 4 | 34 | 5 | 3 | 11 |
| 35 | 4 | 11 | 0 | 35 | 5 | 5 | 9 |
| 36 | 5 | 0 | 9 | 36 | 5 | 7 | 8 |
| 37 | 5 | 2 | 5 | 37 | 5 | 9 | 6 |
| 38 | 5 | 4 | 1 | 38 | 5 | 11 | 5 |
| 39 | 5 | 5 | 9 | 39 | 6 | 1 | 3 |
| 40 | 5 | 7 | 6 | 40 | 6 | 3 | 2 |
| 41 | 5 | 9 | 2 | 41 | 6 | 5 | 1 |
| 42 | 5 | 10 | 10 | 42 | 6 | 6 | 11 |
| 43 | 6 | 0 | 6 | 43 | 6 | 8 | 10 |
| 44 | 6 | 2 | 3 | 44 | 6 | 10 | 8 |
| 45 | 6 | 3 | 11 | 45 | 7 | 0 | 7 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 0 | 0 | 5 0 | $\frac{1}{4}$ | 0 | 0 | 5 6 |
| $\frac{1}{2}$ | 0 | 0 | 10 0 | $\frac{1}{2}$ | 0 | 0 | 11 0 |
| $\frac{3}{4}$ | 0 | 1 | 3 0 | $\frac{3}{4}$ | 0 | 1 | 4 6 |

| Ft. long | Side 5 Inches. | | | Ft. long | Side 5 $\frac{1}{4}$ | | |
|----------|----------------|-----|-----|----------|----------------------|-----|-----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 0 | 2 | 1 | 1 | 0 | 2 | 3 |
| 2 | 0 | 4 | 2 | 2 | 0 | 4 | 7 |
| 3 | 0 | 6 | 3 | 3 | 0 | 6 | 10 |
| 4 | 0 | 8 | 4 | 4 | 0 | 9 | 2 |
| 5 | 0 | 10 | 5 | 5 | 0 | 11 | 5 |
| 6 | 1 | 0 | 6 | 6 | 1 | 1 | 9 |
| 7 | 1 | 2 | 7 | 7 | 1 | 4 | 0 |
| 8 | 1 | 4 | 8 | 8 | 1 | 6 | 4 |
| 9 | 1 | 6 | 9 | 9 | 1 | 8 | 8 |
| 10 | 1 | 8 | 10 | 10 | 1 | 10 | 11 |
| 11 | 1 | 10 | 11 | 11 | 2 | 1 | 3 |
| 12 | 2 | 1 | 0 | 12 | 2 | 3 | 6 |
| 13 | 2 | 3 | 1 | 13 | 2 | 5 | 10 |
| 14 | 2 | 5 | 2 | 14 | 2 | 8 | 1 |
| 15 | 2 | 7 | 3 | 15 | 2 | 10 | 5 |
| 16 | 2 | 9 | 4 | 16 | 3 | 0 | 9 |
| 17 | 2 | 11 | 5 | 17 | 3 | 3 | 0 |
| 18 | 3 | 1 | 6 | 18 | 3 | 5 | 4 |
| 19 | 3 | 3 | 7 | 19 | 3 | 7 | 7 |
| 20 | 3 | 5 | 8 | 20 | 3 | 9 | 11 |
| 21 | 3 | 7 | 9 | 21 | 4 | 0 | 2 |
| 22 | 3 | 9 | 10 | 22 | 4 | 2 | 6 |
| 23 | 3 | 11 | 11 | 23 | 4 | 4 | 9 |
| 24 | 4 | 2 | 0 | 24 | 4 | 7 | 1 |
| 25 | 4 | 4 | 1 | 25 | 4 | 9 | 5 |
| 26 | 4 | 6 | 2 | 26 | 4 | 11 | 8 |
| 27 | 4 | 8 | 3 | 27 | 5 | 2 | 0 |
| 28 | 4 | 10 | 4 | 28 | 5 | 4 | 3 |
| 29 | 5 | 0 | 5 | 29 | 5 | 6 | 7 |
| 30 | 5 | 2 | 6 | 30 | 5 | 8 | 10 |
| 31 | 5 | 4 | 7 | 31 | 5 | 11 | 2 |
| 32 | 5 | 6 | 8 | 32 | 6 | 1 | 6 |
| 33 | 5 | 8 | 9 | 33 | 6 | 3 | 9 |
| 34 | 5 | 10 | 10 | 34 | 6 | 6 | 1 |
| 35 | 6 | 0 | 11 | 35 | 6 | 8 | 4 |
| 36 | 6 | 3 | 0 | 36 | 6 | 10 | 8 |
| 37 | 6 | 5 | 1 | 37 | 7 | 0 | 11 |
| 38 | 6 | 7 | 2 | 38 | 7 | 3 | 3 |
| 39 | 6 | 9 | 3 | 39 | 7 | 5 | 6 |
| 40 | 6 | 11 | 4 | 40 | 7 | 7 | 10 |
| 41 | 7 | 1 | 5 | 41 | 7 | 10 | 2 |
| 42 | 7 | 3 | 6 | 42 | 8 | 0 | 5 |
| 43 | 7 | 5 | 7 | 43 | 8 | 2 | 9 |
| 44 | 7 | 7 | 8 | 44 | 8 | 5 | 0 |
| 45 | 7 | 9 | 9 | 45 | 8 | 7 | 4 |

| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
|---------------------|-----|-----|--------|---------------------|-----|-----|--------|
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 0 | 0 | 6 3 | $\frac{1}{4}$ | 0 | 0 | 6 9 |
| $\frac{1}{2}$ | 0 | 1 | 0 6 | $\frac{1}{2}$ | 0 | 1 | 1 6 |
| $\frac{3}{4}$ | 0 | 1 | 6 9 | $\frac{3}{4}$ | 0 | 1 | 8 3 |

| Ft. long | Side 5 $\frac{1}{2}$ | | | Ft. long | Side 5 $\frac{1}{4}$ | | |
|---------------------|----------------------|-----|--------|---------------------|----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 0 | 2 | 6 | 1 | 0 | 2 | 9 |
| 2 | 0 | 5 | 0 | 2 | 0 | 5 | 6 |
| 3 | 0 | 7 | 6 | 3 | 0 | 8 | 3 |
| 4 | 0 | 10 | 1 | 4 | 0 | 11 | 0 |
| 5 | 1 | 0 | 7 | 5 | 1 | 1 | 9 |
| 6 | 1 | 3 | 1 | 6 | 1 | 4 | 6 |
| 7 | 1 | 5 | 7 | 7 | 1 | 7 | 3 |
| 8 | 1 | 8 | 2 | 8 | 1 | 10 | 0 |
| 9 | 1 | 10 | 8 | 9 | 2 | 0 | 9 |
| 10 | 2 | 1 | 2 | 10 | 2 | 3 | 6 |
| 11 | 2 | 3 | 8 | 11 | 2 | 6 | 3 |
| 12 | 2 | 6 | 3 | 12 | 2 | 9 | 0 |
| 13 | 2 | 8 | 9 | 13 | 2 | 11 | 9 |
| 14 | 2 | 11 | 3 | 14 | 3 | 2 | 6 |
| 15 | 3 | 1 | 9 | 15 | 3 | 5 | 3 |
| 16 | 3 | 4 | 4 | 16 | 3 | 8 | 1 |
| 17 | 3 | 6 | 10 | 17 | 3 | 10 | 10 |
| 18 | 3 | 9 | 4 | 18 | 4 | 1 | 7 |
| 19 | 3 | 11 | 10 | 19 | 4 | 4 | 4 |
| 20 | 4 | 2 | 5 | 20 | 4 | 7 | 1 |
| 21 | 4 | 4 | 11 | 21 | 4 | 9 | 10 |
| 22 | 4 | 7 | 5 | 22 | 5 | 0 | 7 |
| 23 | 4 | 9 | 11 | 23 | 5 | 3 | 4 |
| 24 | 5 | 0 | 6 | 24 | 5 | 6 | 1 |
| 25 | 5 | 3 | 0 | 25 | 5 | 8 | 10 |
| 26 | 5 | 5 | 6 | 26 | 5 | 11 | 7 |
| 27 | 5 | 8 | 0 | 27 | 6 | 2 | 4 |
| 28 | 5 | 10 | 6 | 28 | 6 | 5 | 1 |
| 29 | 6 | 1 | 1 | 29 | 6 | 7 | 10 |
| 30 | 6 | 3 | 7 | 30 | 6 | 10 | 7 |
| 31 | 6 | 6 | 1 | 31 | 7 | 1 | 4 |
| 32 | 6 | 8 | 8 | 32 | 7 | 4 | 2 |
| 33 | 6 | 11 | 2 | 33 | 7 | 6 | 11 |
| 34 | 7 | 1 | 8 | 34 | 7 | 9 | 8 |
| 35 | 7 | 4 | 2 | 35 | 8 | 0 | 5 |
| 36 | 7 | 6 | 9 | 36 | 8 | 3 | 2 |
| 37 | 7 | 9 | 3 | 37 | 8 | 5 | 11 |
| 38 | 7 | 11 | 9 | 38 | 8 | 8 | 8 |
| 39 | 8 | 2 | 3 | 39 | 8 | 11 | 5 |
| 40 | 8 | 4 | 10 | 40 | 9 | 2 | 2 |
| 41 | 8 | 7 | 4 | 41 | 9 | 4 | 11 |
| 42 | 8 | 9 | 10 | 42 | 9 | 7 | 8 |
| 43 | 9 | 0 | 4 | 43 | 9 | 10 | 5 |
| 44 | 9 | 2 | 11 | 44 | 10 | 1 | 2 |
| 45 | 9 | 5 | 5 | 45 | 10 | 3 | 11 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 0 | 0 | 7 6 | $\frac{1}{4}$ | 0 | 0 | 8 3 |
| $\frac{1}{2}$ | 0 | 1 | 3 0 | $\frac{1}{2}$ | 0 | 1 | 4 6 |
| $\frac{3}{4}$ | 0 | 1 | 10 6 | $\frac{3}{4}$ | 0 | 2 | 0 9 |

| Ft. long | Side 6 Inches. | | | Ft. long | Side 6 $\frac{1}{4}$ | | |
|---------------------|----------------|-----|--------|---------------------|----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 0 | 3 | 0 | 1 | 0 | 3 | 3 |
| 2 | 0 | 6 | 0 | 2 | 0 | 6 | 6 |
| 3 | 0 | 9 | 0 | 3 | 0 | 9 | 9 |
| 4 | 1 | 0 | 0 | 4 | 1 | 1 | 0 |
| 5 | 1 | 3 | 0 | 5 | 1 | 4 | 3 |
| 6 | 1 | 6 | 0 | 6 | 1 | 7 | 6 |
| 7 | 1 | 9 | 0 | 7 | 1 | 10 | 9 |
| 8 | 2 | 0 | 0 | 8 | 2 | 2 | 0 |
| 9 | 2 | 3 | 0 | 9 | 2 | 5 | 3 |
| 10 | 2 | 6 | 0 | 10 | 2 | 8 | 6 |
| 11 | 2 | 9 | 0 | 11 | 2 | 11 | 9 |
| 12 | 3 | 0 | 0 | 12 | 3 | 3 | 0 |
| 13 | 3 | 3 | 0 | 13 | 3 | 6 | 3 |
| 14 | 3 | 6 | 0 | 14 | 3 | 9 | 6 |
| 15 | 3 | 9 | 0 | 15 | 4 | 0 | 9 |
| 16 | 4 | 0 | 0 | 16 | 4 | 4 | 1 |
| 17 | 4 | 3 | 0 | 17 | 4 | 7 | 4 |
| 18 | 4 | 6 | 0 | 18 | 4 | 10 | 7 |
| 19 | 4 | 9 | 0 | 19 | 5 | 1 | 10 |
| 20 | 5 | 0 | 0 | 20 | 5 | 5 | 1 |
| 21 | 5 | 3 | 0 | 21 | 5 | 8 | 4 |
| 22 | 5 | 6 | 0 | 22 | 5 | 11 | 7 |
| 23 | 5 | 9 | 0 | 23 | 6 | 2 | 10 |
| 24 | 6 | 0 | 0 | 24 | 6 | 6 | 1 |
| 25 | 6 | 3 | 0 | 25 | 6 | 9 | 4 |
| 26 | 6 | 6 | 0 | 26 | 7 | 0 | 7 |
| 27 | 6 | 9 | 0 | 27 | 7 | 3 | 10 |
| 28 | 7 | 0 | 0 | 28 | 7 | 7 | 1 |
| 29 | 7 | 3 | 0 | 29 | 7 | 10 | 4 |
| 30 | 7 | 6 | 0 | 30 | 8 | 1 | 7 |
| 31 | 7 | 9 | 0 | 31 | 8 | 4 | 10 |
| 32 | 8 | 0 | 0 | 32 | 8 | 8 | 2 |
| 33 | 8 | 3 | 0 | 33 | 8 | 11 | 5 |
| 34 | 8 | 6 | 0 | 34 | 9 | 2 | 8 |
| 35 | 8 | 9 | 0 | 35 | 9 | 5 | 11 |
| 36 | 9 | 0 | 0 | 36 | 9 | 9 | 2 |
| 37 | 9 | 3 | 0 | 37 | 10 | 0 | 5 |
| 38 | 9 | 6 | 0 | 38 | 10 | 3 | 8 |
| 39 | 9 | 9 | 0 | 39 | 10 | 6 | 11 |
| 40 | 10 | 0 | 0 | 40 | 10 | 10 | 2 |
| 41 | 10 | 3 | 0 | 41 | 11 | 1 | 5 |
| 42 | 10 | 6 | 0 | 42 | 11 | 4 | 8 |
| 43 | 10 | 9 | 0 | 43 | 11 | 7 | 11 |
| 44 | 11 | 0 | 0 | 44 | 11 | 11 | 2 |
| 45 | 11 | 3 | 0 | 45 | 12 | 2 | 5 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 0 | 0 | 9 0 | $\frac{1}{4}$ | 0 | 0 | 9 9 |
| $\frac{2}{4}$ | 0 | 1 | 6 0 | $\frac{2}{4}$ | 0 | 1 | 7 6 |
| $\frac{3}{4}$ | 0 | 2 | 3 0 | $\frac{3}{4}$ | 0 | 2 | 5 3 |

| Ft. long | Side 6 $\frac{1}{2}$ | | | Ft. long | Side 6 $\frac{3}{4}$ | | |
|---------------------|----------------------|-----|--------|---------------------|----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 0 | 3 | 6 | 1 | 0 | 3 | 9 |
| 2 | 0 | 7 | 0 | 2 | 0 | 7 | 7 |
| 3 | 0 | 10 | 6 | 3 | 0 | 11 | 4 |
| 4 | 1 | 2 | 1 | 4 | 1 | 3 | 2 |
| 5 | 1 | 5 | 7 | 5 | 1 | 6 | 11 |
| 6 | 1 | 9 | 1 | 6 | 1 | 10 | 9 |
| 7 | 2 | 0 | 7 | 7 | 2 | 2 | 6 |
| 8 | 2 | 4 | 2 | 8 | 2 | 6 | 4 |
| 9 | 2 | 7 | 8 | 9 | 2 | 10 | 2 |
| 10 | 2 | 11 | 2 | 10 | 3 | 1 | 11 |
| 11 | 3 | 2 | 8 | 11 | 3 | 5 | 9 |
| 12 | 3 | 6 | 3 | 12 | 3 | 9 | 6 |
| 13 | 3 | 9 | 9 | 13 | 4 | 1 | 4 |
| 14 | 4 | 1 | 3 | 14 | 4 | 5 | 1 |
| 15 | 4 | 4 | 9 | 15 | 4 | 8 | 11 |
| 16 | 4 | 8 | 4 | 16 | 5 | 0 | 9 |
| 17 | 4 | 11 | 10 | 17 | 5 | 4 | 6 |
| 18 | 5 | 3 | 4 | 18 | 5 | 8 | 4 |
| 19 | 5 | 6 | 10 | 19 | 6 | 0 | 1 |
| 20 | 5 | 10 | 5 | 20 | 6 | 3 | 11 |
| 21 | 6 | 1 | 11 | 21 | 6 | 7 | 8 |
| 22 | 6 | 5 | 5 | 22 | 6 | 11 | 6 |
| 23 | 6 | 8 | 11 | 23 | 7 | 3 | 3 |
| 24 | 7 | 0 | 6 | 24 | 7 | 7 | 1 |
| 25 | 7 | 4 | 0 | 25 | 7 | 10 | 11 |
| 26 | 7 | 7 | 6 | 26 | 8 | 2 | 8 |
| 27 | 7 | 11 | 0 | 27 | 8 | 6 | 6 |
| 28 | 8 | 2 | 7 | 28 | 8 | 10 | 3 |
| 29 | 8 | 6 | 1 | 29 | 9 | 2 | 1 |
| 30 | 8 | 9 | 7 | 30 | 9 | 5 | 10 |
| 31 | 9 | 1 | 1 | 31 | 9 | 9 | 8 |
| 32 | 9 | 4 | 8 | 32 | 10 | 1 | 6 |
| 33 | 9 | 8 | 2 | 33 | 10 | 5 | 5 |
| 34 | 9 | 11 | 8 | 34 | 10 | 9 | 1 |
| 35 | 10 | 3 | 2 | 35 | 11 | 0 | 10 |
| 36 | 10 | 6 | 9 | 36 | 11 | 4 | 8 |
| 37 | 10 | 10 | 3 | 37 | 11 | 8 | 5 |
| 38 | 11 | 1 | 9 | 38 | 12 | 0 | 3 |
| 39 | 11 | 5 | 3 | 39 | 12 | 4 | 0 |
| 40 | 11 | 8 | 10 | 40 | 12 | 7 | 10 |
| 41 | 12 | 0 | 4 | 41 | 12 | 11 | 8 |
| 42 | 12 | 3 | 10 | 42 | 13 | 3 | 5 |
| 43 | 12 | 7 | 4 | 43 | 13 | 7 | 3 |
| 44 | 12 | 10 | 11 | 44 | 13 | 11 | 0 |
| 45 | 13 | 2 | 5 | 45 | 14 | 2 | 10 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 0 | 0 | 10 6 | $\frac{1}{4}$ | 0 | 0 | 11 3 |
| $\frac{1}{2}$ | 0 | 1 | 9 0 | $\frac{1}{2}$ | 0 | 1 | 10 6 |
| $\frac{3}{4}$ | 0 | 2 | 7 6 | $\frac{3}{4}$ | 0 | 2 | 9 9 |

| Ft. long | Side 7 Inches. | | | Ft. long | Side 7 $\frac{1}{4}$ | | |
|----------|----------------|-----|-----|----------|----------------------|-----|-----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 0 | 4 | 1 | 1 | 0 | 4 | 4 |
| 2 | 0 | 8 | 2 | 2 | 0 | 8 | 9 |
| 3 | 1 | 0 | 3 | 3 | 1 | 1 | 1 |
| 4 | 1 | 4 | 4 | 4 | 1 | 5 | 6 |
| 5 | 1 | 8 | 5 | 5 | 1 | 9 | 10 |
| 6 | 2 | 0 | 6 | 6 | 2 | 2 | 3 |
| 7 | 2 | 4 | 7 | 7 | 2 | 6 | 7 |
| 8 | 2 | 8 | 8 | 8 | 2 | 11 | 0 |
| 9 | 3 | 0 | 9 | 9 | 3 | 3 | 5 |
| 10 | 3 | 4 | 10 | 10 | 3 | 7 | 9 |
| 11 | 3 | 8 | 11 | 11 | 4 | 0 | 2 |
| 12 | 4 | 1 | 0 | 12 | 4 | 4 | 6 |
| 13 | 4 | 5 | 1 | 13 | 4 | 8 | 11 |
| 14 | 4 | 9 | 2 | 14 | 5 | 1 | 3 |
| 15 | 5 | 1 | 3 | 15 | 5 | 5 | 8 |
| 16 | 5 | 5 | 4 | 16 | 5 | 10 | 1 |
| 17 | 5 | 9 | 5 | 17 | 6 | 2 | 5 |
| 18 | 6 | 1 | 6 | 18 | 6 | 6 | 10 |
| 19 | 6 | 5 | 7 | 19 | 6 | 11 | 2 |
| 20 | 6 | 9 | 8 | 20 | 7 | 3 | 7 |
| 21 | 7 | 1 | 9 | 21 | 7 | 7 | 13 |
| 22 | 7 | 5 | 10 | 22 | 8 | 0 | 4 |
| 23 | 7 | 9 | 11 | 23 | 8 | 4 | 8 |
| 24 | 8 | 2 | 0 | 24 | 8 | 9 | 1 |
| 25 | 8 | 6 | 1 | 25 | 9 | 1 | 6 |
| 26 | 8 | 10 | 2 | 26 | 9 | 5 | 10 |
| 27 | 9 | 2 | 3 | 27 | 9 | 10 | 3 |
| 28 | 9 | 6 | 4 | 28 | 10 | 2 | 7 |
| 29 | 9 | 10 | 5 | 29 | 10 | 7 | 0 |
| 30 | 10 | 2 | 6 | 30 | 10 | 11 | 4 |
| 31 | 10 | 6 | 7 | 31 | 11 | 3 | 9 |
| 32 | 10 | 10 | 8 | 32 | 11 | 8 | 2 |
| 33 | 11 | 2 | 9 | 33 | 12 | 0 | 6 |
| 34 | 11 | 6 | 10 | 34 | 12 | 4 | 11 |
| 35 | 11 | 10 | 11 | 35 | 12 | 9 | 3 |
| 36 | 12 | 3 | 0 | 36 | 13 | 1 | 8 |
| 37 | 12 | 7 | 1 | 37 | 13 | 6 | 0 |
| 38 | 12 | 11 | 2 | 38 | 13 | 10 | 5 |
| 39 | 13 | 3 | 3 | 39 | 14 | 2 | 9 |
| 40 | 13 | 7 | 4 | 40 | 14 | 7 | 2 |
| 41 | 13 | 11 | 5 | 41 | 14 | 11 | 7 |
| 42 | 14 | 3 | 6 | 42 | 15 | 3 | 11 |
| 43 | 14 | 7 | 7 | 43 | 15 | 8 | 4 |
| 44 | 14 | 11 | 8 | 44 | 16 | 0 | 8 |
| 45 | 15 | 3 | 9 | 45 | 16 | 5 | 1 |

| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
|---------------------|-----|-----|--------|---------------------|-----|-----|--------|
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 0 | 1 | 0 3 | $\frac{1}{4}$ | 0 | 1 | 1 0 |
| $\frac{1}{2}$ | 0 | 2 | 0 6 | $\frac{1}{2}$ | 0 | 2 | 2 0 |
| $\frac{3}{4}$ | 0 | 3 | 0 9 | $\frac{3}{4}$ | 0 | 3 | 3 0 |

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0
4
9
2
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11
3
8
0
5
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7
11
4
8
1

| Ft. long | Side 7 $\frac{1}{2}$ | | |
|----------|----------------------|-----|-----|
| | Ft. | In. | Pa. |
| 1 | 0 | 4 | 8 |
| 2 | 0 | 9 | 4 |
| 3 | 1 | 2 | 0 |
| 4 | 1 | 6 | 9 |
| 5 | 1 | 11 | 5 |
| 6 | 2 | 4 | 1 |
| 7 | 2 | 8 | 9 |
| 8 | 3 | 1 | 6 |
| 9 | 3 | 6 | 2 |
| 10 | 3 | 10 | 10 |
| 11 | 4 | 3 | 6 |
| 12 | 4 | 8 | 3 |
| 13 | 5 | 0 | 11 |
| 14 | 5 | 5 | 7 |
| 15 | 5 | 10 | 3 |
| 16 | 6 | 3 | 0 |
| 17 | 6 | 7 | 8 |
| 18 | 7 | 0 | 4 |
| 19 | 7 | 5 | 0 |
| 20 | 7 | 9 | 9 |
| 21 | 8 | 2 | 5 |
| 22 | 8 | 7 | 1 |
| 23 | 8 | 11 | 9 |
| 24 | 9 | 4 | 6 |
| 25 | 9 | 9 | 2 |
| 26 | 10 | 1 | 10 |
| 27 | 10 | 6 | 6 |
| 28 | 10 | 11 | 3 |
| 29 | 11 | 3 | 11 |
| 30 | 11 | 8 | 7 |
| 31 | 12 | 1 | 3 |
| 32 | 12 | 6 | 0 |
| 33 | 12 | 10 | 8 |
| 34 | 13 | 3 | 4 |
| 35 | 13 | 8 | 0 |
| 36 | 14 | 0 | 9 |
| 37 | 14 | 5 | 5 |
| 38 | 14 | 10 | 1 |
| 39 | 15 | 2 | 9 |
| 40 | 15 | 7 | 6 |
| 41 | 16 | 0 | 2 |
| 42 | 16 | 4 | 10 |
| 43 | 16 | 9 | 6 |
| 44 | 17 | 2 | 3 |
| 45 | 17 | 6 | 11 |

Quarters of a Foot.

oot.
Pa. S
1 0
2 0
3 0

| | Ft. | In. | Pa. | S. |
|---------------|-----|-----|-----|----|
| $\frac{1}{4}$ | 0 | 1 | 2 | 0 |
| $\frac{1}{2}$ | 0 | 2 | 4 | 0 |
| $\frac{3}{4}$ | 0 | 3 | 6 | 0 |

| Ft. long | Side 7 $\frac{3}{4}$ | | |
|----------|----------------------|-----|-----|
| | Ft. | In. | Pa. |
| 1 | 0 | 5 | 0 |
| 2 | 0 | 10 | 0 |
| 3 | 1 | 3 | 0 |
| 4 | 1 | 8 | 0 |
| 5 | 2 | 1 | 0 |
| 6 | 2 | 6 | 0 |
| 7 | 2 | 11 | 0 |
| 8 | 3 | 4 | 0 |
| 9 | 3 | 9 | 0 |
| 10 | 4 | 2 | 0 |
| 11 | 4 | 7 | 0 |
| 12 | 5 | 0 | 0 |
| 13 | 5 | 5 | 0 |
| 14 | 5 | 10 | 0 |
| 15 | 6 | 3 | 0 |
| 16 | 6 | 8 | 1 |
| 17 | 7 | 1 | 1 |
| 18 | 7 | 6 | 1 |
| 19 | 7 | 11 | 1 |
| 20 | 8 | 4 | 1 |
| 21 | 8 | 9 | 1 |
| 22 | 9 | 2 | 1 |
| 23 | 9 | 7 | 1 |
| 24 | 10 | 0 | 1 |
| 25 | 10 | 5 | 1 |
| 26 | 10 | 10 | 1 |
| 27 | 11 | 3 | 1 |
| 28 | 11 | 8 | 1 |
| 29 | 12 | 1 | 1 |
| 30 | 12 | 6 | 1 |
| 31 | 12 | 11 | 1 |
| 32 | 13 | 4 | 2 |
| 33 | 13 | 9 | 2 |
| 34 | 14 | 2 | 2 |
| 35 | 14 | 7 | 2 |
| 36 | 15 | 0 | 2 |
| 37 | 15 | 5 | 2 |
| 38 | 15 | 10 | 2 |
| 39 | 16 | 3 | 2 |
| 40 | 16 | 8 | 2 |
| 41 | 17 | 1 | 2 |
| 42 | 17 | 6 | 2 |
| 43 | 17 | 11 | 2 |
| 44 | 18 | 4 | 2 |
| 45 | 18 | 9 | 2 |

Quarters of a Foot.

| | Ft. | In. | Pa. | S. |
|---------------|-----|-----|-----|----|
| $\frac{1}{4}$ | 0 | 1 | 3 | 0 |
| $\frac{1}{2}$ | 0 | 2 | 6 | 0 |
| $\frac{3}{4}$ | 0 | 3 | 9 | 0 |

| Ft. long | Side 8 Inches. | | | Ft. long | Side 8 $\frac{1}{4}$ | | |
|---------------------|----------------|-----|--------|---------------------|----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 0 | 5 | 4 | 1 | 0 | 5 | 8 |
| 2 | 0 | 10 | 8 | 2 | 0 | 11 | 4 |
| 3 | 1 | 4 | 0 | 3 | 1 | 5 | 0 |
| 4 | 1 | 9 | 4 | 4 | 1 | 10 | 8 |
| 5 | 2 | 2 | 8 | 5 | 2 | 4 | 4 |
| 6 | 2 | 8 | 0 | 6 | 2 | 10 | 0 |
| 7 | 3 | 1 | 4 | 7 | 3 | 3 | 8 |
| 8 | 3 | 6 | 8 | 8 | 3 | 9 | 4 |
| 9 | 4 | 0 | 0 | 9 | 4 | 3 | 0 |
| 10 | 4 | 5 | 4 | 10 | 4 | 8 | 8 |
| 11 | 4 | 10 | 8 | 11 | 5 | 2 | 4 |
| 12 | 5 | 4 | 0 | 12 | 5 | 8 | 0 |
| 13 | 5 | 9 | 4 | 13 | 6 | 1 | 8 |
| 14 | 6 | 2 | 8 | 14 | 6 | 7 | 4 |
| 15 | 6 | 8 | 0 | 15 | 7 | 1 | 0 |
| 16 | 7 | 1 | 4 | 16 | 7 | 6 | 9 |
| 17 | 7 | 6 | 8 | 17 | 8 | 0 | 5 |
| 18 | 8 | 0 | 0 | 18 | 8 | 6 | 1 |
| 19 | 8 | 5 | 4 | 19 | 8 | 11 | 9 |
| 20 | 8 | 10 | 8 | 20 | 9 | 5 | 5 |
| 21 | 9 | 4 | 0 | 21 | 9 | 11 | 1 |
| 22 | 9 | 9 | 4 | 22 | 10 | 4 | 9 |
| 23 | 10 | 2 | 8 | 23 | 10 | 10 | 5 |
| 24 | 10 | 8 | 0 | 24 | 11 | 4 | 1 |
| 25 | 11 | 1 | 4 | 25 | 11 | 9 | 9 |
| 26 | 11 | 6 | 8 | 26 | 12 | 3 | 5 |
| 27 | 12 | 0 | 0 | 27 | 12 | 9 | 1 |
| 28 | 12 | 5 | 4 | 28 | 13 | 2 | 9 |
| 29 | 12 | 10 | 8 | 29 | 13 | 8 | 5 |
| 30 | 13 | 4 | 0 | 30 | 14 | 2 | 1 |
| 31 | 13 | 9 | 4 | 31 | 14 | 7 | 9 |
| 32 | 14 | 2 | 8 | 32 | 15 | 1 | 6 |
| 33 | 14 | 8 | 0 | 33 | 15 | 7 | 2 |
| 34 | 15 | 1 | 4 | 34 | 16 | 0 | 10 |
| 35 | 15 | 6 | 8 | 35 | 16 | 6 | 6 |
| 36 | 16 | 0 | 0 | 36 | 17 | 0 | 2 |
| 37 | 16 | 5 | 4 | 37 | 17 | 5 | 10 |
| 38 | 16 | 10 | 8 | 38 | 17 | 11 | 6 |
| 39 | 17 | 4 | 0 | 39 | 18 | 5 | 2 |
| 40 | 17 | 9 | 4 | 40 | 18 | 10 | 10 |
| 41 | 18 | 2 | 8 | 41 | 19 | 4 | 6 |
| 42 | 18 | 8 | 0 | 42 | 19 | 10 | 2 |
| 43 | 19 | 1 | 4 | 43 | 20 | 3 | 10 |
| 44 | 19 | 6 | 8 | 44 | 20 | 9 | 6 |
| 45 | 20 | 0 | 0 | 45 | 21 | 3 | 2 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 0 | 1 | 4 0 | $\frac{1}{4}$ | 0 | 1 | 5 0 |
| $\frac{1}{2}$ | 0 | 2 | 8 0 | $\frac{1}{2}$ | 0 | 2 | 10 0 |
| $\frac{3}{4}$ | 0 | 4 | 0 0 | $\frac{3}{4}$ | 0 | 4 | 3 0 |

| Ft. long | Side $8\frac{1}{2}$ | | | Ft. long | Side $8\frac{3}{4}$ | | |
|---------------------|---------------------|-----|--------|---------------------|---------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 0 | 6 | 0 | 1 | 0 | 6 | 4 |
| 2 | 1 | 0 | 0 | 2 | 1 | 0 | 9 |
| 3 | 1 | 6 | 0 | 3 | 1 | 7 | 1 |
| 4 | 2 | 0 | 1 | 4 | 2 | 1 | 6 |
| 5 | 2 | 6 | 1 | 5 | 2 | 7 | 10 |
| 6 | 3 | 0 | 1 | 6 | 3 | 2 | 3 |
| 7 | 3 | 6 | 1 | 7 | 3 | 8 | 7 |
| 8 | 4 | 0 | 2 | 8 | 4 | 3 | 0 |
| 9 | 4 | 6 | 2 | 9 | 4 | 9 | 5 |
| 10 | 5 | 0 | 2 | 10 | 5 | 3 | 9 |
| 11 | 5 | 6 | 2 | 11 | 5 | 10 | 2 |
| 12 | 6 | 0 | 3 | 12 | 6 | 4 | 6 |
| 13 | 6 | 6 | 3 | 13 | 6 | 10 | 11 |
| 14 | 7 | 0 | 3 | 14 | 7 | 5 | 3 |
| 15 | 7 | 6 | 3 | 15 | 7 | 11 | 8 |
| 16 | 8 | 0 | 4 | 16 | 8 | 6 | 1 |
| 17 | 8 | 6 | 4 | 17 | 9 | 0 | 5 |
| 18 | 9 | 0 | 4 | 18 | 9 | 6 | 10 |
| 19 | 9 | 6 | 4 | 19 | 10 | 1 | 2 |
| 20 | 10 | 0 | 5 | 20 | 10 | 7 | 7 |
| 21 | 10 | 6 | 5 | 21 | 11 | 1 | 11 |
| 22 | 11 | 0 | 5 | 22 | 11 | 8 | 4 |
| 23 | 11 | 6 | 5 | 23 | 12 | 2 | 8 |
| 24 | 12 | 0 | 6 | 24 | 12 | 9 | 1 |
| 25 | 12 | 6 | 6 | 25 | 13 | 3 | 6 |
| 26 | 13 | 0 | 6 | 26 | 13 | 9 | 10 |
| 27 | 13 | 6 | 6 | 27 | 14 | 4 | 3 |
| 28 | 14 | 0 | 7 | 28 | 14 | 10 | 7 |
| 29 | 14 | 6 | 7 | 29 | 15 | 5 | 0 |
| 30 | 15 | 0 | 7 | 30 | 15 | 11 | 4 |
| 31 | 15 | 6 | 7 | 31 | 16 | 5 | 9 |
| 32 | 16 | 0 | 8 | 32 | 17 | 0 | 2 |
| 33 | 16 | 6 | 8 | 33 | 17 | 6 | 6 |
| 34 | 17 | 0 | 8 | 34 | 18 | 0 | 11 |
| 35 | 17 | 6 | 8 | 35 | 18 | 7 | 3 |
| 36 | 18 | 0 | 9 | 36 | 19 | 1 | 8 |
| 37 | 18 | 6 | 9 | 37 | 19 | 8 | 0 |
| 38 | 19 | 0 | 9 | 38 | 20 | 2 | 5 |
| 39 | 19 | 6 | 9 | 39 | 20 | 8 | 9 |
| 40 | 20 | 0 | 10 | 40 | 21 | 3 | 2 |
| 41 | 20 | 6 | 10 | 41 | 21 | 9 | 7 |
| 42 | 21 | 0 | 10 | 42 | 22 | 3 | 11 |
| 43 | 21 | 6 | 10 | 43 | 22 | 10 | 4 |
| 44 | 22 | 0 | 11 | 44 | 23 | 4 | 8 |
| 45 | 22 | 6 | 11 | 45 | 23 | 11 | 1 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 0 | 1 | 6 0 | $\frac{1}{4}$ | 0 | 1 | 7 0 |
| $\frac{1}{2}$ | 0 | 3 | 0 0 | $\frac{1}{2}$ | 0 | 3 | 2 0 |
| $\frac{3}{4}$ | 0 | 4 | 6 0 | $\frac{3}{4}$ | 0 | 4 | 9 0 |

| Ft. long | Side 9 Inches | | | Ft. long | Side 9 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 0 | 6 | 9 | 1 | 0 | 7 | 1 |
| 2 | 1 | 1 | 6 | 2 | 1 | 2 | 3 |
| 3 | 1 | 8 | 3 | 3 | 1 | 9 | 4 |
| 4 | 2 | 3 | 0 | 4 | 2 | 4 | 6 |
| 5 | 2 | 9 | 9 | 5 | 2 | 11 | 7 |
| 6 | 3 | 4 | 6 | 6 | 3 | 6 | 9 |
| 7 | 3 | 11 | 3 | 7 | 4 | 1 | 10 |
| 8 | 4 | 6 | 0 | 8 | 4 | 9 | 0 |
| 9 | 5 | 0 | 9 | 9 | 5 | 4 | 2 |
| 10 | 5 | 7 | 6 | 10 | 5 | 11 | 3 |
| 11 | 6 | 2 | 3 | 11 | 6 | 6 | 5 |
| 12 | 6 | 9 | 0 | 12 | 7 | 1 | 6 |
| 13 | 7 | 3 | 9 | 13 | 7 | 8 | 8 |
| 14 | 7 | 10 | 6 | 14 | 8 | 3 | 9 |
| 15 | 8 | 5 | 3 | 15 | 8 | 10 | 11 |
| 16 | 9 | 0 | 0 | 16 | 9 | 6 | 1 |
| 17 | 9 | 6 | 9 | 17 | 10 | 1 | 2 |
| 18 | 10 | 1 | 6 | 18 | 10 | 8 | 4 |
| 19 | 10 | 8 | 3 | 19 | 11 | 3 | 5 |
| 20 | 11 | 3 | 0 | 20 | 11 | 10 | 7 |
| 21 | 11 | 9 | 9 | 21 | 12 | 5 | 8 |
| 22 | 12 | 4 | 6 | 22 | 13 | 0 | 10 |
| 23 | 12 | 11 | 3 | 23 | 13 | 7 | 11 |
| 24 | 13 | 6 | 0 | 24 | 14 | 3 | 1 |
| 25 | 14 | 0 | 9 | 25 | 14 | 10 | 3 |
| 26 | 14 | 7 | 6 | 26 | 15 | 5 | 4 |
| 27 | 15 | 2 | 3 | 27 | 16 | 0 | 6 |
| 28 | 15 | 9 | 0 | 28 | 16 | 7 | 7 |
| 29 | 16 | 3 | 9 | 29 | 17 | 2 | 9 |
| 30 | 16 | 10 | 6 | 30 | 17 | 9 | 10 |
| 31 | 17 | 5 | 3 | 31 | 18 | 5 | 0 |
| 32 | 18 | 0 | 0 | 32 | 19 | 0 | 2 |
| 33 | 18 | 6 | 9 | 33 | 19 | 7 | 3 |
| 34 | 19 | 1 | 6 | 34 | 20 | 2 | 5 |
| 35 | 19 | 8 | 3 | 35 | 20 | 9 | 6 |
| 36 | 20 | 3 | 0 | 36 | 21 | 4 | 8 |
| 37 | 20 | 9 | 9 | 37 | 21 | 11 | 9 |
| 38 | 21 | 4 | 6 | 38 | 22 | 6 | 11 |
| 39 | 21 | 11 | 3 | 39 | 23 | 2 | 0 |
| 40 | 22 | 6 | 0 | 40 | 23 | 9 | 2 |
| 41 | 23 | 0 | 9 | 41 | 24 | 4 | 4 |
| 42 | 23 | 7 | 6 | 42 | 24 | 11 | 5 |
| 43 | 24 | 2 | 3 | 43 | 25 | 6 | 7 |
| 44 | 24 | 9 | 0 | 44 | 26 | 1 | 8 |
| 45 | 25 | 3 | 9 | 45 | 26 | 8 | 10 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 0 | 1 | 8 3 | $\frac{1}{4}$ | 0 | 1 | 9 3 |
| $\frac{1}{2}$ | 0 | 3 | 4 6 | $\frac{1}{2}$ | 0 | 3 | 6 6 |
| $\frac{3}{4}$ | 0 | 5 | 0 9 | $\frac{3}{4}$ | 0 | 5 | 3 9 |

| Pa. | Side $9\frac{1}{2}$ | | | Pa. | Side $9\frac{3}{4}$ | | |
|---------------------|---------------------|-----|--------|---------------------|---------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 0 | 7 | 6 | 1 | 0 | 7 | 11 |
| 3 | 1 | 3 | 0 | 2 | 1 | 3 | 10 |
| 4 | 1 | 10 | 6 | 3 | 1 | 11 | 9 |
| 6 | 2 | 6 | 1 | 4 | 2 | 7 | 8 |
| 7 | 3 | 1 | 7 | 5 | 3 | 3 | 7 |
| 9 | 3 | 9 | 1 | 6 | 3 | 12 | 6 |
| 10 | 4 | 4 | 7 | 7 | 4 | 7 | 5 |
| 0 | 5 | 0 | 2 | 8 | 5 | 3 | 4 |
| 2 | 5 | 7 | 8 | 9 | 5 | 11 | 3 |
| 3 | 6 | 3 | 2 | 10 | 6 | 7 | 2 |
| 5 | 6 | 10 | 8 | 11 | 7 | 3 | 1 |
| 6 | 7 | 6 | 3 | 12 | 7 | 11 | 0 |
| 8 | 8 | 1 | 9 | 13 | 8 | 6 | 11 |
| 9 | 8 | 9 | 3 | 14 | 9 | 2 | 10 |
| 11 | 9 | 4 | 9 | 15 | 9 | 10 | 9 |
| 1 | 10 | 0 | 4 | 16 | 10 | 6 | 9 |
| 2 | 10 | 7 | 10 | 17 | 11 | 2 | 8 |
| 4 | 11 | 3 | 4 | 18 | 11 | 10 | 7 |
| 5 | 11 | 10 | 10 | 19 | 12 | 6 | 6 |
| 7 | 12 | 6 | 5 | 20 | 13 | 2 | 5 |
| 8 | 13 | 9 | 11 | 21 | 13 | 10 | 4 |
| 10 | 13 | 9 | 5 | 22 | 14 | 6 | 3 |
| 11 | 14 | 4 | 11 | 23 | 15 | 2 | 2 |
| 1 | 15 | 0 | 6 | 24 | 15 | 10 | 1 |
| 3 | 15 | 8 | 0 | 25 | 16 | 6 | 0 |
| 4 | 16 | 3 | 6 | 26 | 17 | 1 | 11 |
| 6 | 16 | 11 | 0 | 27 | 17 | 9 | 10 |
| 7 | 17 | 6 | 7 | 28 | 18 | 5 | 9 |
| 9 | 18 | 2 | 1 | 29 | 19 | 1 | 8 |
| 10 | 18 | 9 | 7 | 30 | 19 | 9 | 7 |
| 0 | 19 | 5 | 1 | 31 | 20 | 5 | 6 |
| 2 | 20 | 0 | 8 | 32 | 21 | 1 | 6 |
| 3 | 20 | 8 | 2 | 33 | 21 | 9 | 5 |
| 5 | 21 | 3 | 8 | 34 | 22 | 5 | 4 |
| 6 | 21 | 11 | 2 | 35 | 23 | 1 | 3 |
| 8 | 22 | 6 | 9 | 36 | 23 | 9 | 2 |
| 9 | 23 | 2 | 3 | 37 | 24 | 5 | 1 |
| 11 | 23 | 9 | 9 | 38 | 25 | 1 | 0 |
| 0 | 24 | 5 | 3 | 39 | 25 | 8 | 11 |
| 2 | 25 | 0 | 10 | 40 | 26 | 4 | 10 |
| 4 | 25 | 8 | 4 | 41 | 27 | 0 | 9 |
| 5 | 26 | 3 | 19 | 42 | 27 | 8 | 8 |
| 7 | 26 | 11 | 4 | 43 | 28 | 4 | 7 |
| 8 | 27 | 6 | 11 | 44 | 29 | 0 | 6 |
| 10 | 28 | 2 | 5 | 45 | 29 | 8 | 5 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 0 | 1 | 10 6 | $\frac{1}{4}$ | 0 | 1 | 11 9 |
| $\frac{1}{2}$ | 0 | 3 | 9 0 | $\frac{1}{2}$ | 0 | 3 | 11 6 |
| $\frac{3}{4}$ | 0 | 5 | 7 6 | $\frac{3}{4}$ | 0 | 5 | 11 3 |

| Ft. long | Side 10 Inch. | | | Ft. long | Side 10 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 0 | 8 | 4 | 1 | 0 | 8 | 9 |
| 2 | 1 | 4 | 8 | 2 | 1 | 5 | 6 |
| 3 | 2 | 1 | 0 | 3 | 2 | 2 | 3 |
| 4 | 2 | 9 | 4 | 4 | 2 | 11 | 0 |
| 5 | 3 | 5 | 8 | 5 | 3 | 7 | 9 |
| 6 | 4 | 2 | 0 | 6 | 4 | 4 | 6 |
| 7 | 4 | 10 | 4 | 7 | 5 | 1 | 3 |
| 8 | 5 | 6 | 8 | 8 | 5 | 10 | 0 |
| 9 | 6 | 3 | 0 | 9 | 6 | 6 | 9 |
| 10 | 6 | 11 | 4 | 10 | 7 | 3 | 6 |
| 11 | 7 | 7 | 8 | 11 | 8 | 0 | 3 |
| 12 | 8 | 4 | 0 | 12 | 8 | 9 | 0 |
| 13 | 9 | 0 | 4 | 13 | 9 | 5 | 9 |
| 14 | 9 | 8 | 8 | 14 | 10 | 2 | 6 |
| 15 | 10 | 5 | 0 | 15 | 10 | 11 | 3 |
| 16 | 11 | 1 | 4 | 16 | 11 | 8 | 1 |
| 17 | 11 | 9 | 8 | 17 | 12 | 4 | 10 |
| 18 | 12 | 6 | 0 | 18 | 13 | 1 | 7 |
| 19 | 13 | 2 | 4 | 19 | 13 | 10 | 4 |
| 20 | 13 | 10 | 8 | 20 | 14 | 7 | 1 |
| 21 | 14 | 7 | 0 | 21 | 15 | 3 | 10 |
| 22 | 15 | 3 | 4 | 22 | 16 | 0 | 7 |
| 23 | 15 | 11 | 8 | 23 | 16 | 9 | 4 |
| 24 | 16 | 8 | 0 | 24 | 17 | 6 | 1 |
| 25 | 17 | 4 | 4 | 25 | 18 | 2 | 10 |
| 26 | 18 | 0 | 8 | 26 | 18 | 11 | 7 |
| 27 | 18 | 9 | 0 | 27 | 19 | 8 | 4 |
| 28 | 19 | 5 | 4 | 28 | 20 | 5 | 1 |
| 29 | 20 | 1 | 8 | 29 | 21 | 1 | 10 |
| 30 | 20 | 10 | 0 | 30 | 21 | 10 | 7 |
| 31 | 21 | 6 | 4 | 31 | 22 | 7 | 4 |
| 32 | 22 | 2 | 8 | 32 | 23 | 4 | 2 |
| 33 | 22 | 11 | 0 | 33 | 24 | 0 | 11 |
| 34 | 23 | 7 | 4 | 34 | 24 | 9 | 8 |
| 35 | 24 | 3 | 8 | 35 | 25 | 6 | 5 |
| 36 | 25 | 0 | 0 | 36 | 26 | 3 | 2 |
| 37 | 25 | 8 | 4 | 37 | 26 | 11 | 11 |
| 38 | 26 | 4 | 8 | 38 | 27 | 8 | 8 |
| 39 | 27 | 1 | 0 | 39 | 28 | 5 | 5 |
| 40 | 27 | 9 | 4 | 40 | 29 | 2 | 2 |
| 41 | 28 | 5 | 8 | 41 | 29 | 10 | 11 |
| 42 | 29 | 2 | 0 | 42 | 30 | 7 | 8 |
| 43 | 29 | 10 | 4 | 43 | 31 | 4 | 5 |
| 44 | 30 | 6 | 8 | 44 | 32 | 1 | 2 |
| 45 | 31 | 3 | 0 | 45 | 32 | 9 | 11 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 0 | 2 | 1 0 | $\frac{1}{4}$ | 0 | 2 | 2 3 |
| $\frac{1}{2}$ | 0 | 4 | 2 0 | $\frac{1}{2}$ | 0 | 4 | 4 6 |
| $\frac{3}{4}$ | 0 | 6 | 3 0 | $\frac{3}{4}$ | 0 | 6 | 6 9 |

| Ft. long | Side 10 $\frac{1}{2}$ | | | Ft. long | Side 10 $\frac{3}{4}$ | | |
|----------|-----------------------|-----|-----|----------|-----------------------|-----|-----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 0 | 9 | 2 | 1 | 0 | 9 | 7 |
| 2 | 1 | 6 | 4 | 2 | 1 | 7 | 3 |
| 3 | 2 | 3 | 6 | 3 | 2 | 4 | 10 |
| 4 | 3 | 0 | 9 | 4 | 3 | 2 | 6 |
| 5 | 3 | 9 | 11 | 5 | 4 | 0 | 1 |
| 6 | 4 | 7 | 1 | 6 | 4 | 9 | 9 |
| 7 | 5 | 4 | 3 | 7 | 5 | 7 | 4 |
| 8 | 6 | 1 | 6 | 8 | 6 | 5 | 0 |
| 9 | 6 | 10 | 8 | 9 | 7 | 2 | 8 |
| 10 | 7 | 7 | 10 | 10 | 8 | 0 | 3 |
| 11 | 8 | 5 | 0 | 11 | 8 | 9 | 11 |
| 12 | 9 | 2 | 3 | 12 | 9 | 7 | 6 |
| 13 | 9 | 11 | 5 | 13 | 10 | 5 | 2 |
| 14 | 10 | 8 | 7 | 14 | 11 | 2 | 9 |
| 15 | 11 | 5 | 9 | 15 | 12 | 0 | 5 |
| 16 | 12 | 3 | 0 | 16 | 12 | 10 | 1 |
| 17 | 13 | 0 | 2 | 17 | 13 | 7 | 8 |
| 18 | 13 | 9 | 4 | 18 | 14 | 5 | 4 |
| 19 | 14 | 6 | 6 | 19 | 15 | 2 | 11 |
| 20 | 15 | 3 | 9 | 20 | 16 | 0 | 7 |
| 21 | 16 | 0 | 11 | 21 | 16 | 10 | 2 |
| 22 | 16 | 10 | 1 | 22 | 17 | 7 | 10 |
| 23 | 17 | 7 | 3 | 23 | 18 | 5 | 5 |
| 24 | 18 | 4 | 6 | 24 | 19 | 3 | 1 |
| 25 | 19 | 1 | 8 | 25 | 20 | 0 | 9 |
| 26 | 19 | 10 | 10 | 26 | 20 | 10 | 4 |
| 27 | 20 | 8 | 0 | 27 | 21 | 8 | 0 |
| 28 | 21 | 5 | 3 | 28 | 22 | 5 | 7 |
| 29 | 22 | 2 | 5 | 29 | 23 | 3 | 3 |
| 30 | 22 | 11 | 7 | 30 | 24 | 0 | 10 |
| 31 | 23 | 8 | 9 | 31 | 24 | 10 | 6 |
| 32 | 24 | 6 | 0 | 32 | 25 | 8 | 2 |
| 33 | 25 | 3 | 2 | 33 | 26 | 5 | 9 |
| 34 | 26 | 0 | 4 | 34 | 27 | 3 | 5 |
| 35 | 26 | 9 | 6 | 35 | 28 | 1 | 0 |
| 36 | 27 | 6 | 9 | 36 | 28 | 10 | 8 |
| 37 | 28 | 3 | 11 | 37 | 29 | 8 | 3 |
| 38 | 29 | 1 | 1 | 38 | 30 | 5 | 11 |
| 39 | 29 | 10 | 3 | 39 | 31 | 3 | 6 |
| 40 | 30 | 7 | 6 | 40 | 32 | 1 | 2 |
| 41 | 31 | 4 | 8 | 41 | 32 | 10 | 10 |
| 42 | 32 | 1 | 10 | 42 | 33 | 8 | 5 |
| 43 | 32 | 11 | 0 | 43 | 34 | 6 | 1 |
| 44 | 33 | 8 | 3 | 44 | 35 | 3 | 8 |
| 45 | 34 | 5 | 5 | 45 | 36 | 1 | 4 |

| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
|---------------------|-----|-----|--------|---------------------|-----|-----|--------|
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 0 | 2 | 3 6 | $\frac{1}{4}$ | 0 | 2 | 4 9 |
| $\frac{1}{2}$ | 0 | 4 | 7 0 | $\frac{1}{2}$ | 0 | 4 | 9 6 |
| $\frac{3}{4}$ | 0 | 6 | 10 6 | $\frac{3}{4}$ | 0 | 7 | 2 3 |

| Ft. long. | Side 11 Inch. | | | Ft. long. | Side 11 $\frac{1}{4}$ | | |
|-----------|---------------|-----|-----|-----------|-----------------------|-----|-----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 0 | 10 | 1 | 1 | 0 | 10 | 6 |
| 2 | 1 | 8 | 2 | 2 | 1 | 9 | 1 |
| 3 | 2 | 6 | 3 | 3 | 2 | 7 | 7 |
| 4 | 3 | 4 | 4 | 4 | 3 | 6 | 2 |
| 5 | 4 | 2 | 5 | 5 | 4 | 4 | 8 |
| 6 | 5 | 0 | 6 | 6 | 5 | 3 | 3 |
| 7 | 5 | 10 | 7 | 7 | 6 | 1 | 9 |
| 8 | 6 | 8 | 8 | 8 | 7 | 0 | 4 |
| 9 | 7 | 6 | 9 | 9 | 7 | 10 | 11 |
| 10 | 8 | 4 | 10 | 10 | 8 | 9 | 5 |
| 11 | 9 | 2 | 11 | 11 | 9 | 8 | 0 |
| 12 | 10 | 1 | 0 | 12 | 10 | 6 | 6 |
| 13 | 10 | 11 | 1 | 13 | 11 | 5 | 1 |
| 14 | 11 | 9 | 2 | 14 | 12 | 3 | 7 |
| 15 | 12 | 7 | 3 | 15 | 13 | 2 | 2 |
| 16 | 13 | 5 | 4 | 16 | 14 | 0 | 9 |
| 17 | 14 | 3 | 5 | 17 | 14 | 11 | 3 |
| 18 | 15 | 1 | 6 | 18 | 15 | 9 | 10 |
| 19 | 15 | 11 | 7 | 19 | 16 | 8 | 4 |
| 20 | 16 | 9 | 8 | 20 | 17 | 6 | 11 |
| 21 | 17 | 7 | 9 | 21 | 18 | 5 | 5 |
| 22 | 18 | 5 | 10 | 22 | 19 | 4 | 0 |
| 23 | 19 | 3 | 11 | 23 | 20 | 2 | 6 |
| 24 | 20 | 2 | 0 | 24 | 21 | 1 | 1 |
| 25 | 21 | 0 | 1 | 25 | 21 | 11 | 8 |
| 26 | 21 | 10 | 2 | 26 | 22 | 10 | 2 |
| 27 | 22 | 8 | 3 | 27 | 23 | 8 | 9 |
| 28 | 23 | 6 | 4 | 28 | 24 | 7 | 3 |
| 29 | 24 | 4 | 5 | 29 | 25 | 5 | 10 |
| 30 | 25 | 2 | 6 | 30 | 26 | 4 | 4 |
| 31 | 26 | 0 | 7 | 31 | 27 | 2 | 11 |
| 32 | 26 | 10 | 8 | 32 | 28 | 1 | 6 |
| 33 | 27 | 8 | 9 | 33 | 29 | 0 | 0 |
| 34 | 28 | 6 | 10 | 34 | 29 | 10 | 7 |
| 35 | 29 | 4 | 11 | 35 | 30 | 9 | 1 |
| 36 | 30 | 3 | 0 | 36 | 31 | 7 | 8 |
| 37 | 31 | 1 | 1 | 37 | 32 | 6 | 2 |
| 38 | 31 | 11 | 2 | 38 | 33 | 4 | 9 |
| 39 | 32 | 9 | 3 | 39 | 34 | 3 | 3 |
| 40 | 33 | 7 | 4 | 40 | 35 | 1 | 10 |
| 41 | 34 | 5 | 5 | 41 | 36 | 0 | 5 |
| 42 | 35 | 3 | 6 | 42 | 36 | 10 | 11 |
| 43 | 36 | 1 | 7 | 43 | 37 | 9 | 6 |
| 44 | 36 | 11 | 8 | 44 | 38 | 8 | 0 |
| 45 | 37 | 9 | 9 | 45 | 39 | 6 | 7 |

Quarters of a Foot.

| | Ft. | In. | Pa. | S. |
|---------------|-----|-----|-----|----|
| $\frac{1}{4}$ | 0 | 2 | 6 | 3 |
| $\frac{1}{2}$ | 0 | 5 | 0 | 6 |
| $\frac{3}{4}$ | 0 | 7 | 6 | 9 |

Quarters of a Foot.

| | Ft. | In. | Pa. | S. |
|---------------|-----|-----|-----|----|
| $\frac{1}{4}$ | 0 | 2 | 7 | 6 |
| $\frac{1}{2}$ | 0 | 5 | 3 | 0 |
| $\frac{3}{4}$ | 0 | 7 | 10 | 6 |

| $\frac{1}{4}$ | Pa. |
|---------------|-----|
| 6 | |
| 1 | |
| 7 | |
| 2 | |
| 8 | |
| 3 | |
| 9 | |
| 4 | |
| 11 | |
| 5 | |
| 0 | |
| 6 | |
| 1 | |
| 7 | |
| 2 | |
| 9 | |
| 3 | |
| 10 | |
| 4 | |
| 11 | |
| 5 | |
| 0 | |
| 6 | |
| 1 | |
| 8 | |
| 2 | |
| 9 | |
| 3 | |
| 10 | |
| 4 | |
| 11 | |
| 6 | |
| C | |
| 7 | |
| 1 | |
| 8 | |
| 2 | |
| 9 | |
| 3 | |
| 10 | |
| 5 | |
| 1 | |
| 6 | |
| 0 | |
| 7 | |
| . | |
| S. | |
| 6 | |
| 0 | |
| 6 | |

| Ft. long | Side 11 $\frac{1}{2}$ | | | Ft. long | Side 11 $\frac{3}{4}$ | | |
|---------------------|-----------------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 0 | 11 | 0 | 1 | 0 | 11 | 6 |
| 2 | 1 | 10 | 0 | 2 | 1 | 11 | 0 |
| 3 | 2 | 9 | 0 | 3 | 2 | 10 | 6 |
| 4 | 3 | 8 | 1 | 4 | 3 | 10 | 0 |
| 5 | 4 | 7 | 1 | 5 | 4 | 9 | 6 |
| 6 | 5 | 6 | 1 | 6 | 5 | 9 | 0 |
| 7 | 6 | 5 | 1 | 7 | 6 | 8 | 6 |
| 8 | 7 | 4 | 2 | 8 | 7 | 8 | 0 |
| 9 | 8 | 3 | 2 | 9 | 8 | 7 | 6 |
| 10 | 9 | 2 | 2 | 10 | 9 | 7 | 0 |
| 11 | 10 | 1 | 2 | 11 | 10 | 6 | 6 |
| 12 | 11 | 0 | 3 | 12 | 11 | 6 | 0 |
| 13 | 11 | 11 | 3 | 13 | 12 | 5 | 6 |
| 14 | 12 | 10 | 3 | 14 | 13 | 5 | 0 |
| 15 | 13 | 9 | 3 | 15 | 14 | 4 | 6 |
| 16 | 14 | 8 | 4 | 16 | 15 | 4 | 1 |
| 17 | 15 | 7 | 4 | 17 | 16 | 3 | 7 |
| 18 | 16 | 6 | 4 | 18 | 17 | 3 | 1 |
| 19 | 17 | 5 | 4 | 19 | 18 | 2 | 7 |
| 20 | 18 | 4 | 5 | 20 | 19 | 2 | 1 |
| 21 | 19 | 3 | 5 | 21 | 20 | 1 | 7 |
| 22 | 20 | 2 | 5 | 22 | 21 | 1 | 1 |
| 23 | 21 | 1 | 5 | 23 | 22 | 0 | 7 |
| 24 | 22 | 0 | 6 | 24 | 23 | 0 | 1 |
| 25 | 22 | 11 | 6 | 25 | 23 | 11 | 7 |
| 26 | 23 | 10 | 6 | 26 | 24 | 11 | 1 |
| 27 | 24 | 9 | 6 | 27 | 25 | 10 | 7 |
| 28 | 25 | 8 | 7 | 28 | 26 | 10 | 1 |
| 29 | 26 | 7 | 7 | 29 | 27 | 9 | 7 |
| 30 | 27 | 6 | 7 | 30 | 28 | 9 | 1 |
| 31 | 28 | 5 | 7 | 31 | 29 | 8 | 7 |
| 32 | 29 | 4 | 8 | 32 | 30 | 8 | 2 |
| 33 | 30 | 3 | 8 | 33 | 31 | 7 | 8 |
| 34 | 31 | 2 | 8 | 34 | 32 | 7 | 8 |
| 35 | 32 | 1 | 8 | 35 | 33 | 6 | 8 |
| 36 | 33 | 0 | 9 | 36 | 34 | 6 | 2 |
| 37 | 33 | 11 | 9 | 37 | 35 | 5 | 8 |
| 38 | 34 | 10 | 9 | 38 | 36 | 5 | 2 |
| 39 | 35 | 9 | 9 | 39 | 37 | 4 | 8 |
| 40 | 36 | 8 | 10 | 40 | 38 | 4 | 2 |
| 41 | 37 | 7 | 10 | 41 | 39 | 3 | 8 |
| 42 | 38 | 6 | 10 | 42 | 40 | 3 | 2 |
| 43 | 39 | 5 | 10 | 43 | 41 | 2 | 8 |
| 44 | 40 | 4 | 11 | 44 | 42 | 2 | 2 |
| 45 | 41 | 3 | 11 | 45 | 43 | 1 | 8 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 0 | 2 | 9 0 | $\frac{1}{4}$ | 0 | 2 | 10 6 |
| $\frac{1}{2}$ | 0 | 5 | 6 0 | $\frac{1}{2}$ | 0 | 5 | 9 0 |
| $\frac{3}{4}$ | 0 | 8 | 3 0 | $\frac{3}{4}$ | 0 | 8 | 7 6 |

| Ft. long | Side 12 Inch. | | | Ft. long | Side 12 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 6 |
| 2 | 2 | 0 | 0 | 2 | 2 | 1 | 0 |
| 3 | 3 | 0 | 0 | 3 | 3 | 1 | 6 |
| 4 | 4 | 0 | 0 | 4 | 4 | 2 | 0 |
| 5 | 5 | 0 | 0 | 5 | 5 | 2 | 6 |
| 6 | 6 | 0 | 0 | 6 | 6 | 3 | 0 |
| 7 | 7 | 0 | 0 | 7 | 7 | 3 | 6 |
| 8 | 8 | 0 | 0 | 8 | 8 | 4 | 0 |
| 9 | 9 | 0 | 0 | 9 | 9 | 4 | 6 |
| 10 | 10 | 0 | 0 | 10 | 10 | 5 | 0 |
| 11 | 11 | 0 | 0 | 11 | 11 | 5 | 6 |
| 12 | 12 | 0 | 0 | 12 | 12 | 6 | 0 |
| 13 | 13 | 0 | 0 | 13 | 13 | 6 | 6 |
| 14 | 14 | 0 | 0 | 14 | 14 | 7 | 0 |
| 15 | 15 | 0 | 0 | 15 | 15 | 7 | 6 |
| 16 | 16 | 0 | 0 | 16 | 16 | 8 | 1 |
| 17 | 17 | 0 | 0 | 17 | 17 | 8 | 7 |
| 18 | 18 | 0 | 0 | 18 | 18 | 9 | 1 |
| 19 | 19 | 0 | 0 | 19 | 19 | 9 | 7 |
| 20 | 20 | 0 | 0 | 20 | 20 | 10 | 1 |
| 21 | 21 | 0 | 0 | 21 | 21 | 10 | 7 |
| 22 | 22 | 0 | 0 | 22 | 22 | 11 | 1 |
| 23 | 23 | 0 | 0 | 23 | 23 | 11 | 7 |
| 24 | 24 | 0 | 0 | 24 | 25 | 0 | 1 |
| 25 | 25 | 0 | 0 | 25 | 26 | 0 | 7 |
| 26 | 26 | 0 | 0 | 26 | 27 | 1 | 1 |
| 27 | 27 | 0 | 0 | 27 | 28 | 1 | 7 |
| 28 | 28 | 0 | 0 | 28 | 29 | 2 | 1 |
| 29 | 29 | 0 | 0 | 29 | 30 | 2 | 7 |
| 30 | 30 | 0 | 0 | 30 | 31 | 3 | 1 |
| 31 | 31 | 0 | 0 | 31 | 32 | 3 | 8 |
| 32 | 32 | 0 | 0 | 32 | 33 | 4 | 2 |
| 33 | 33 | 0 | 0 | 33 | 34 | 4 | 8 |
| 34 | 34 | 0 | 0 | 34 | 35 | 5 | 2 |
| 35 | 35 | 0 | 0 | 35 | 36 | 5 | 8 |
| 36 | 36 | 0 | 0 | 36 | 37 | 6 | 2 |
| 37 | 37 | 0 | 0 | 37 | 38 | 6 | 8 |
| 38 | 38 | 0 | 0 | 38 | 39 | 7 | 2 |
| 39 | 39 | 0 | 0 | 39 | 40 | 7 | 8 |
| 40 | 40 | 0 | 0 | 40 | 41 | 8 | 2 |
| 41 | 41 | 0 | 0 | 41 | 42 | 8 | 8 |
| 42 | 42 | 0 | 0 | 42 | 43 | 9 | 2 |
| 43 | 43 | 0 | 0 | 43 | 44 | 9 | 8 |
| 44 | 44 | 0 | 0 | 44 | 45 | 10 | 2 |
| 45 | 45 | 0 | 0 | 45 | 46 | 10 | 8 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 0 | 3 | 0 0 | $\frac{1}{4}$ | 0 | 3 | 1 6 |
| $\frac{1}{2}$ | 0 | 6 | 0 0 | $\frac{1}{2}$ | 0 | 6 | 3 0 |
| $\frac{3}{4}$ | 0 | 9 | 0 0 | $\frac{3}{4}$ | 0 | 9 | 4 6 |

| Ft. long | Side 12 $\frac{1}{2}$ | | | Ft. long | Side 12 $\frac{3}{4}$ | | | | |
|---------------------|-----------------------|-----|-----|---------------------|-----------------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. | | |
| 1 | 1 | 1 | 0 | 1 | 1 | 1 | 6 | | |
| 2 | 2 | 2 | 0 | 2 | 2 | 3 | 1 | | |
| 3 | 3 | 3 | 0 | 3 | 3 | 4 | 7 | | |
| 4 | 4 | 4 | 1 | 4 | 4 | 6 | 2 | | |
| 5 | 5 | 5 | 1 | 5 | 5 | 7 | 8 | | |
| 6 | 6 | 6 | 1 | 6 | 6 | 9 | 3 | | |
| 7 | 7 | 7 | 1 | 7 | 7 | 10 | 9 | | |
| 8 | 8 | 8 | 2 | 8 | 9 | 0 | 4 | | |
| 9 | 9 | 9 | 2 | 9 | 10 | 1 | 11 | | |
| 10 | 10 | 10 | 2 | 10 | 11 | 3 | 5 | | |
| 11 | 11 | 11 | 2 | 11 | 12 | 5 | 0 | | |
| 12 | 13 | 0 | 3 | 12 | 13 | 6 | 6 | | |
| 13 | 14 | 1 | 3 | 13 | 14 | 8 | 1 | | |
| 14 | 15 | 2 | 3 | 14 | 15 | 9 | 7 | | |
| 15 | 16 | 3 | 3 | 15 | 16 | 11 | 2 | | |
| 16 | 17 | 4 | 4 | 16 | 18 | 0 | 9 | | |
| 17 | 18 | 5 | 4 | 17 | 19 | 2 | 3 | | |
| 18 | 19 | 6 | 4 | 18 | 20 | 3 | 10 | | |
| 19 | 20 | 7 | 4 | 19 | 21 | 5 | 4 | | |
| 20 | 21 | 8 | 5 | 20 | 22 | 6 | 11 | | |
| 21 | 22 | 9 | 5 | 21 | 23 | 8 | 5 | | |
| 22 | 23 | 10 | 5 | 22 | 24 | 10 | 0 | | |
| 23 | 24 | 11 | 5 | 23 | 25 | 11 | 6 | | |
| 24 | 26 | 0 | 6 | 24 | 27 | 1 | 1 | | |
| 25 | 27 | 1 | 6 | 25 | 28 | 2 | 8 | | |
| 26 | 28 | 2 | 6 | 26 | 29 | 4 | 2 | | |
| 27 | 29 | 3 | 6 | 27 | 30 | 5 | 9 | | |
| 28 | 30 | 4 | 7 | 28 | 31 | 7 | 3 | | |
| 29 | 31 | 5 | 7 | 29 | 32 | 8 | 10 | | |
| 30 | 32 | 6 | 7 | 30 | 33 | 10 | 4 | | |
| 31 | 33 | 7 | 7 | 31 | 34 | 11 | 11 | | |
| 32 | 34 | 8 | 8 | 32 | 36 | 1 | 6 | | |
| 33 | 35 | 9 | 8 | 33 | 37 | 3 | 0 | | |
| 34 | 36 | 10 | 8 | 34 | 38 | 4 | 7 | | |
| 35 | 37 | 11 | 8 | 35 | 39 | 6 | 1 | | |
| 36 | 39 | 0 | 9 | 36 | 40 | 7 | 8 | | |
| 37 | 40 | 1 | 9 | 37 | 41 | 9 | 2 | | |
| 38 | 41 | 2 | 9 | 38 | 42 | 10 | 9 | | |
| 39 | 42 | 3 | 9 | 39 | 44 | 0 | 3 | | |
| 40 | 43 | 4 | 10 | 40 | 45 | 1 | 10 | | |
| 41 | 44 | 5 | 10 | 41 | 46 | 3 | 5 | | |
| 42 | 45 | 6 | 10 | 42 | 47 | 4 | 11 | | |
| 43 | 46 | 7 | 10 | 43 | 48 | 6 | 6 | | |
| 44 | 47 | 8 | 11 | 44 | 49 | 8 | 0 | | |
| 45 | 48 | 9 | 11 | 45 | 50 | 9 | 7 | | |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | | | |
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| $\frac{1}{4}$ | 0 | 3 | 3 | 0 | $\frac{1}{4}$ | 0 | 3 | 4 | 6 |
| $\frac{1}{2}$ | 0 | 6 | 6 | 0 | $\frac{1}{2}$ | 0 | 6 | 9 | 0 |
| $\frac{3}{4}$ | 0 | 9 | 9 | 0 | $\frac{3}{4}$ | 0 | 10 | 1 | 6 |

| Ft. long | Side 13 Inch. | | | Ft. long | Side 13 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 1 | 2 | 1 | 1 | 1 | 2 | 7 |
| 2 | 2 | 4 | 2 | 2 | 2 | 5 | 3 |
| 3 | 3 | 6 | 3 | 3 | 3 | 7 | 10 |
| 4 | 4 | 8 | 4 | 4 | 4 | 10 | 6 |
| 5 | 5 | 10 | 5 | 5 | 6 | 1 | 1 |
| 6 | 7 | 0 | 6 | 6 | 7 | 3 | 9 |
| 7 | 8 | 2 | 7 | 7 | 8 | 6 | 4 |
| 8 | 9 | 4 | 8 | 8 | 9 | 9 | 0 |
| 9 | 10 | 6 | 9 | 9 | 10 | 11 | 8 |
| 10 | 11 | 8 | 10 | 10 | 12 | 2 | 3 |
| 11 | 12 | 10 | 11 | 11 | 13 | 4 | 11 |
| 12 | 14 | 1 | 0 | 12 | 14 | 7 | 6 |
| 13 | 15 | 3 | 1 | 13 | 15 | 10 | 2 |
| 14 | 16 | 5 | 2 | 14 | 17 | 0 | 9 |
| 15 | 17 | 7 | 3 | 15 | 18 | 3 | 5 |
| 16 | 18 | 9 | 4 | 16 | 19 | 6 | 1 |
| 17 | 19 | 11 | 5 | 17 | 20 | 8 | 8 |
| 18 | 21 | 1 | 6 | 18 | 21 | 11 | 4 |
| 19 | 22 | 3 | 7 | 19 | 23 | 1 | 11 |
| 20 | 23 | 5 | 8 | 20 | 24 | 4 | 7 |
| 21 | 24 | 7 | 9 | 21 | 25 | 7 | 2 |
| 22 | 25 | 9 | 10 | 22 | 26 | 9 | 10 |
| 23 | 26 | 11 | 11 | 23 | 28 | 0 | 5 |
| 24 | 28 | 2 | 0 | 24 | 29 | 3 | 1 |
| 25 | 29 | 4 | 1 | 25 | 30 | 5 | 9 |
| 26 | 30 | 6 | 2 | 26 | 31 | 8 | 4 |
| 27 | 31 | 8 | 3 | 27 | 32 | 11 | 0 |
| 28 | 32 | 10 | 4 | 28 | 34 | 1 | 7 |
| 29 | 34 | 0 | 5 | 29 | 35 | 4 | 3 |
| 30 | 35 | 2 | 6 | 30 | 36 | 6 | 10 |
| 31 | 36 | 4 | 7 | 31 | 37 | 9 | 6 |
| 32 | 37 | 6 | 8 | 32 | 39 | 0 | 2 |
| 33 | 38 | 8 | 9 | 33 | 40 | 2 | 9 |
| 34 | 39 | 10 | 10 | 34 | 41 | 5 | 5 |
| 35 | 41 | 0 | 11 | 35 | 42 | 8 | 0 |
| 36 | 42 | 3 | 0 | 36 | 43 | 10 | 8 |
| 37 | 43 | 5 | 1 | 37 | 45 | 1 | 3 |
| 38 | 44 | 7 | 2 | 38 | 46 | 3 | 11 |
| 39 | 45 | 9 | 3 | 39 | 47 | 6 | 6 |
| 40 | 46 | 11 | 4 | 40 | 48 | 9 | 2 |
| 41 | 48 | 1 | 5 | 41 | 49 | 11 | 10 |
| 42 | 49 | 3 | 6 | 42 | 51 | 2 | 5 |
| 43 | 50 | 5 | 7 | 43 | 52 | 5 | 1 |
| 44 | 51 | 7 | 8 | 44 | 53 | 7 | 8 |
| 45 | 52 | 9 | 9 | 45 | 54 | 10 | 4 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 0 | 3 | 6 3 | $\frac{1}{4}$ | 0 | 3 | 7 9 |
| $\frac{1}{2}$ | 0 | 7 | 0 6 | $\frac{1}{2}$ | 0 | 7 | 3 6 |
| $\frac{3}{4}$ | 0 | 10 | 6 9 | $\frac{3}{4}$ | 0 | 10 | 11 3 |

| Ft. long | Side 13 $\frac{1}{2}$ | | | Ft. long | Side 13 $\frac{3}{4}$ | | |
|---------------------|-----------------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 1 | 3 | 2 | 1 | 1 | 3 | 9 |
| 2 | 2 | 6 | 4 | 2 | 2 | 7 | 6 |
| 3 | 3 | 9 | 6 | 3 | 3 | 11 | 3 |
| 4 | 5 | 0 | 9 | 4 | 5 | 3 | 0 |
| 5 | 6 | 3 | 11 | 5 | 6 | 6 | 9 |
| 6 | 7 | 7 | 1 | 6 | 7 | 10 | 6 |
| 7 | 8 | 10 | 3 | 7 | 9 | 2 | 3 |
| 8 | 10 | 1 | 6 | 8 | 10 | 6 | 0 |
| 9 | 11 | 4 | 8 | 9 | 11 | 9 | 9 |
| 10 | 12 | 7 | 10 | 10 | 13 | 1 | 6 |
| 11 | 13 | 11 | 0 | 11 | 14 | 5 | 3 |
| 12 | 15 | 2 | 3 | 12 | 15 | 9 | 0 |
| 13 | 16 | 5 | 5 | 13 | 17 | 0 | 9 |
| 14 | 17 | 8 | 7 | 14 | 18 | 4 | 6 |
| 15 | 18 | 11 | 9 | 15 | 19 | 8 | 3 |
| 16 | 20 | 3 | 0 | 16 | 21 | 0 | 1 |
| 17 | 21 | 6 | 2 | 17 | 22 | 3 | 10 |
| 18 | 22 | 9 | 4 | 18 | 23 | 7 | 7 |
| 19 | 24 | 0 | 6 | 19 | 24 | 11 | 4 |
| 20 | 25 | 3 | 9 | 20 | 26 | 3 | 1 |
| 21 | 26 | 6 | 11 | 21 | 27 | 6 | 10 |
| 22 | 27 | 10 | 1 | 22 | 28 | 10 | 7 |
| 23 | 29 | 1 | 3 | 23 | 30 | 2 | 4 |
| 24 | 30 | 4 | 6 | 24 | 31 | 6 | 1 |
| 25 | 31 | 7 | 8 | 25 | 32 | 9 | 10 |
| 26 | 32 | 10 | 10 | 26 | 34 | 1 | 7 |
| 27 | 34 | 2 | 0 | 27 | 35 | 5 | 4 |
| 28 | 35 | 5 | 3 | 28 | 36 | 9 | 1 |
| 29 | 36 | 8 | 5 | 29 | 38 | 0 | 10 |
| 30 | 37 | 11 | 7 | 30 | 39 | 4 | 7 |
| 31 | 39 | 2 | 9 | 31 | 40 | 8 | 4 |
| 32 | 40 | 6 | 0 | 32 | 42 | 0 | 2 |
| 33 | 41 | 9 | 2 | 33 | 43 | 3 | 11 |
| 34 | 43 | 0 | 4 | 34 | 44 | 7 | 8 |
| 35 | 44 | 3 | 6 | 35 | 45 | 11 | 5 |
| 36 | 45 | 6 | 9 | 36 | 47 | 3 | 2 |
| 37 | 46 | 9 | 11 | 37 | 48 | 6 | 11 |
| 38 | 48 | 1 | 1 | 38 | 49 | 10 | 8 |
| 39 | 49 | 4 | 3 | 39 | 51 | 2 | 5 |
| 40 | 50 | 7 | 6 | 40 | 52 | 6 | 2 |
| 41 | 51 | 10 | 8 | 41 | 53 | 9 | 11 |
| 42 | 53 | 1 | 10 | 42 | 55 | 1 | 8 |
| 43 | 54 | 5 | 0 | 43 | 56 | 5 | 5 |
| 44 | 55 | 8 | 3 | 44 | 57 | 9 | 2 |
| 45 | 56 | 11 | 5 | 45 | 59 | 0 | 11 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 0 | 3 | 9 6 | $\frac{1}{4}$ | 0 | 3 | 11 3 |
| $\frac{1}{2}$ | 0 | 7 | 7 0 | $\frac{1}{2}$ | 0 | 7 | 10 6 |
| $\frac{3}{4}$ | 0 | 11 | 4 6 | $\frac{3}{4}$ | 0 | 11 | 9 9 |

| Ft. long | Side 14 Inch. | | | Ft. long | Side 14 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 1 | 4 | 4 | 1 | 1 | 4 | 11 |
| 2 | 2 | 8 | 8 | 2 | 2 | 9 | 10 |
| 3 | 4 | 1 | 0 | 3 | 4 | 2 | 9 |
| 4 | 5 | 5 | 4 | 4 | 5 | 7 | 8 |
| 5 | 6 | 9 | 8 | 5 | 7 | 0 | 7 |
| 6 | 8 | 2 | 0 | 6 | 8 | 5 | 6 |
| 7 | 9 | 6 | 4 | 7 | 9 | 10 | 5 |
| 8 | 10 | 10 | 8 | 8 | 11 | 3 | 4 |
| 9 | 12 | 3 | 0 | 9 | 12 | 8 | 3 |
| 10 | 13 | 7 | 4 | 10 | 14 | 1 | 2 |
| 11 | 14 | 11 | 8 | 11 | 15 | 6 | 1 |
| 12 | 16 | 4 | 0 | 12 | 16 | 11 | 0 |
| 13 | 17 | 8 | 4 | 13 | 18 | 3 | 11 |
| 14 | 19 | 0 | 8 | 14 | 19 | 8 | 10 |
| 15 | 20 | 5 | 0 | 15 | 21 | 1 | 9 |
| 16 | 21 | 9 | 4 | 16 | 22 | 6 | 9 |
| 17 | 23 | 1 | 8 | 17 | 23 | 11 | 8 |
| 18 | 24 | 6 | 0 | 18 | 25 | 4 | 7 |
| 19 | 25 | 10 | 4 | 19 | 26 | 9 | 6 |
| 20 | 27 | 2 | 8 | 20 | 28 | 2 | 5 |
| 21 | 28 | 7 | 0 | 21 | 29 | 7 | 4 |
| 22 | 29 | 11 | 4 | 22 | 31 | 0 | 3 |
| 23 | 31 | 3 | 8 | 23 | 32 | 5 | 2 |
| 24 | 32 | 8 | 0 | 24 | 33 | 10 | 1 |
| 25 | 34 | 0 | 4 | 25 | 35 | 3 | 0 |
| 26 | 35 | 4 | 8 | 26 | 36 | 7 | 11 |
| 27 | 36 | 9 | 0 | 27 | 38 | 0 | 10 |
| 28 | 38 | 1 | 4 | 28 | 39 | 5 | 9 |
| 29 | 39 | 5 | 8 | 29 | 40 | 10 | 8 |
| 30 | 40 | 10 | 0 | 30 | 42 | 3 | 7 |
| 31 | 42 | 2 | 4 | 31 | 43 | 8 | 6 |
| 32 | 43 | 6 | 8 | 32 | 45 | 1 | 6 |
| 33 | 44 | 11 | 0 | 33 | 46 | 6 | 5 |
| 34 | 46 | 3 | 4 | 34 | 47 | 11 | 4 |
| 35 | 47 | 7 | 8 | 35 | 49 | 4 | 3 |
| 36 | 49 | 0 | 0 | 36 | 50 | 9 | 2 |
| 37 | 50 | 4 | 4 | 37 | 52 | 2 | 1 |
| 38 | 51 | 8 | 8 | 38 | 53 | 7 | 0 |
| 39 | 53 | 1 | 0 | 39 | 54 | 11 | 11 |
| 40 | 54 | 5 | 4 | 40 | 56 | 4 | 10 |
| 41 | 55 | 0 | 8 | 41 | 57 | 9 | 9 |
| 42 | 57 | 2 | 0 | 42 | 59 | 2 | 8 |
| 43 | 58 | 6 | 4 | 43 | 60 | 7 | 7 |
| 44 | 59 | 10 | 8 | 44 | 62 | 0 | 6 |
| 45 | 61 | 3 | 0 | 45 | 63 | 5 | 5 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 0 | 4 | 1 0 | $\frac{1}{4}$ | 0 | 4 | 2 9 |
| $\frac{1}{2}$ | 0 | 8 | 2 0 | $\frac{1}{2}$ | 0 | 8 | 5 6 |
| $\frac{3}{4}$ | 1 | 0 | 3 0 | $\frac{3}{4}$ | 1 | 0 | 8 3 |

| Pa. | Ft. long | Side 14 $\frac{1}{2}$ | | | Pa. | Ft. long | Side 14 $\frac{1}{2}$ | | | Pa. | | | |
|---------------------|---------------|-----------------------|-----|-----|-----|---------------|-----------------------|----------------|---------------|-----|----|---|---|
| | | Ft. | In. | Pa. | | | Ft. | In. | Pa. | | | | |
| 11 | 1 | 1 | 5 | 6 | 1 | 1 | 6 | 1 | | | | | |
| 10 | 2 | 2 | 4 | 0 | 2 | 3 | 0 | 3 | | | | | |
| 9 | 3 | 4 | 4 | 6 | 3 | 4 | 6 | 4 | | | | | |
| 8 | 4 | 5 | 10 | 1 | 4 | 6 | 0 | 6 | | | | | |
| 7 | 5 | 7 | 3 | 7 | 5 | 7 | 6 | 7 | | | | | |
| 6 | 6 | 8 | 9 | 1 | 6 | 9 | 6 | 9 | | | | | |
| 5 | 7 | 10 | 2 | 7 | 7 | 10 | 6 | 10 | | | | | |
| 4 | 8 | 11 | 8 | 2 | 8 | 12 | 1 | 0 | | | | | |
| 3 | 9 | 13 | 1 | 8 | 9 | 13 | 7 | 2 | | | | | |
| 2 | 10 | 14 | 7 | 2 | 10 | 15 | 1 | 3 | | | | | |
| 1 | 11 | 16 | 0 | 8 | 11 | 16 | 7 | 5 | | | | | |
| 0 | 12 | 17 | 6 | 3 | 12 | 18 | 1 | 6 | | | | | |
| 11 | 13 | 18 | 11 | 9 | 13 | 19 | 7 | 8 | | | | | |
| 10 | 14 | 20 | 5 | 3 | 14 | 21 | 1 | 9 | | | | | |
| 9 | 15 | 21 | 10 | 9 | 15 | 22 | 7 | 11 | | | | | |
| 9 | 16 | 23 | 4 | 4 | 16 | 24 | 2 | 1 | | | | | |
| 8 | 17 | 24 | 9 | 10 | 17 | 25 | 8 | 2 | | | | | |
| 7 | 18 | 26 | 3 | 4 | 18 | 27 | 2 | 4 | | | | | |
| 6 | 19 | 27 | 8 | 10 | 19 | 28 | 8 | 5 | | | | | |
| 5 | 20 | 29 | 2 | 5 | 20 | 30 | 2 | 7 | | | | | |
| 4 | 21 | 30 | 7 | 11 | 21 | 31 | 8 | 8 | | | | | |
| 3 | 22 | 32 | 1 | 5 | 22 | 33 | 2 | 10 | | | | | |
| 2 | 23 | 33 | 6 | 11 | 23 | 34 | 8 | 11 | | | | | |
| 1 | 24 | 35 | 0 | 6 | 24 | 36 | 3 | 1 | | | | | |
| 0 | 25 | 36 | 6 | 0 | 25 | 37 | 9 | 3 | | | | | |
| 11 | 26 | 37 | 11 | 6 | 26 | 39 | 3 | 4 | | | | | |
| 10 | 27 | 39 | 5 | 0 | 27 | 40 | 9 | 6 | | | | | |
| 9 | 28 | 40 | 10 | 7 | 28 | 42 | 3 | 7 | | | | | |
| 8 | 29 | 42 | 4 | 1 | 29 | 43 | 9 | 9 | | | | | |
| 7 | 30 | 43 | 9 | 7 | 30 | 45 | 3 | 10 | | | | | |
| 6 | 31 | 45 | 3 | 1 | 31 | 46 | 10 | 0 | | | | | |
| 6 | 32 | 46 | 8 | 8 | 32 | 48 | 4 | 2 | | | | | |
| 5 | 33 | 48 | 2 | 2 | 33 | 49 | 10 | 3 | | | | | |
| 4 | 34 | 49 | 7 | 8 | 34 | 51 | 4 | 5 | | | | | |
| 3 | 35 | 51 | 1 | 2 | 35 | 52 | 10 | 6 | | | | | |
| 2 | 36 | 52 | 6 | 9 | 36 | 54 | 4 | 8 | | | | | |
| 1 | 37 | 54 | 0 | 3 | 37 | 55 | 10 | 9 | | | | | |
| 0 | 38 | 55 | 5 | 9 | 38 | 57 | 4 | 11 | | | | | |
| 11 | 39 | 56 | 11 | 3 | 39 | 58 | 11 | 0 | | | | | |
| 10 | 40 | 58 | 4 | 10 | 40 | 60 | 5 | 2 | | | | | |
| 9 | 41 | 59 | 10 | 4 | 41 | 61 | 11 | 4 | | | | | |
| 8 | 42 | 61 | 3 | 10 | 42 | 63 | 5 | 5 | | | | | |
| 7 | 43 | 62 | 9 | 4 | 43 | 64 | 11 | 7 | | | | | |
| 6 | 44 | 64 | 2 | 11 | 44 | 66 | 5 | 8 | | | | | |
| 5 | 45 | 65 | 8 | 5 | 45 | 67 | 11 | 10 | | | | | |
| Quarters of a Foot. | | | | | | | | | | | | | |
| Pa. S. | Ft. long | Ft. In. Pa. S. | | | | Pa. S. | Ft. long | Ft. In. Pa. S. | | | | | |
| | | Ft. | In. | Pa. | S. | | | Ft. | In. | Pa. | S. | | |
| | | $\frac{1}{4}$ | 0 | 4 | 4 | | | 6 | $\frac{1}{4}$ | 0 | 4 | 6 | 3 |
| | | $\frac{1}{2}$ | 0 | 8 | 9 | | | 0 | $\frac{1}{2}$ | 0 | 9 | 0 | 6 |
| | $\frac{3}{4}$ | 1 | 1 | 1 | 6 | $\frac{3}{4}$ | 1 | 1 | 6 | 9 | | | |

| Fr. long | Side 15 Inch. | | | Fr. long | Side 15 $\frac{5}{4}$ | | | | |
|---------------------|---------------|-----|-----|---------------------|-----------------------|-----|-----|-----|----|
| | Fr. | In. | Pa. | | Fr. | In. | Pa. | | |
| 1 | 1 | 6 | 9 | 1 | 1 | 7 | 4 | | |
| 2 | 3 | 1 | 6 | 2 | 3 | 2 | 9 | | |
| 3 | 4 | 8 | 3 | 3 | 4 | 10 | 1 | | |
| 4 | 6 | 3 | 0 | 4 | 6 | 5 | 6 | | |
| 5 | 7 | 9 | 9 | 5 | 8 | 0 | 10 | | |
| 6 | 9 | 4 | 6 | 6 | 9 | 8 | 3 | | |
| 7 | 10 | 11 | 3 | 7 | 11 | 3 | 7 | | |
| 8 | 12 | 6 | 0 | 8 | 12 | 11 | 0 | | |
| 9 | 14 | 0 | 9 | 9 | 14 | 6 | 5 | | |
| 10 | 15 | 7 | 6 | 10 | 16 | 1 | 9 | | |
| 11 | 17 | 2 | 3 | 11 | 17 | 9 | 2 | | |
| 12 | 18 | 9 | 0 | 12 | 19 | 4 | 6 | | |
| 13 | 20 | 3 | 9 | 13 | 20 | 11 | 11 | | |
| 14 | 21 | 10 | 6 | 14 | 22 | 7 | 3 | | |
| 15 | 23 | 5 | 3 | 15 | 24 | 2 | 8 | | |
| 16 | 25 | 0 | 0 | 16 | 25 | 10 | 1 | | |
| 17 | 26 | 6 | 9 | 17 | 27 | 5 | 5 | | |
| 18 | 28 | 1 | 6 | 18 | 29 | 0 | 10 | | |
| 19 | 29 | 8 | 3 | 19 | 30 | 8 | 2 | | |
| 20 | 31 | 3 | 0 | 20 | 32 | 3 | 7 | | |
| 21 | 32 | 9 | 9 | 21 | 33 | 10 | 11 | | |
| 22 | 34 | 4 | 6 | 22 | 35 | 6 | 4 | | |
| 23 | 35 | 11 | 3 | 23 | 37 | 1 | 8 | | |
| 24 | 37 | 6 | 0 | 24 | 38 | 9 | 1 | | |
| 25 | 39 | 0 | 9 | 25 | 40 | 4 | 6 | | |
| 26 | 40 | 7 | 6 | 26 | 41 | 11 | 10 | | |
| 27 | 42 | 2 | 3 | 27 | 43 | 7 | 3 | | |
| 28 | 43 | 9 | 0 | 28 | 45 | 2 | 7 | | |
| 29 | 45 | 3 | 9 | 29 | 46 | 10 | 0 | | |
| 30 | 46 | 10 | 6 | 30 | 48 | 5 | 4 | | |
| 31 | 48 | 5 | 3 | 31 | 50 | 0 | 9 | | |
| 32 | 50 | 0 | 0 | 32 | 51 | 8 | 2 | | |
| 33 | 51 | 6 | 9 | 33 | 53 | 3 | 6 | | |
| 34 | 53 | 1 | 6 | 34 | 54 | 10 | 11 | | |
| 35 | 54 | 8 | 3 | 35 | 56 | 6 | 3 | | |
| 36 | 56 | 3 | 0 | 36 | 58 | 1 | 8 | | |
| 37 | 57 | 9 | 9 | 37 | 59 | 9 | 0 | | |
| 38 | 59 | 4 | 6 | 38 | 61 | 4 | 5 | | |
| 39 | 60 | 11 | 3 | 39 | 62 | 11 | 9 | | |
| 40 | 62 | 6 | 0 | 40 | 64 | 7 | 2 | | |
| 41 | 64 | 0 | 9 | 41 | 66 | 2 | 7 | | |
| 42 | 65 | 7 | 6 | 42 | 67 | 9 | 11 | | |
| 43 | 67 | 2 | 3 | 43 | 69 | 5 | 4 | | |
| 44 | 68 | 9 | 0 | 44 | 71 | 0 | 8 | | |
| 45 | 70 | 3 | 9 | 45 | 72 | 8 | 1 | | |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | | | |
| | Fr. | In. | Pa. | S. | | Fr. | In. | Pa. | S. |
| $\frac{1}{4}$ | 0 | 4 | 8 | 3 | $\frac{1}{4}$ | 0 | 4 | 10 | 0 |
| $\frac{1}{2}$ | 0 | 9 | 4 | 6 | $\frac{1}{2}$ | 0 | 9 | 8 | 0 |
| $\frac{3}{4}$ | 1 | 2 | 0 | 9 | $\frac{3}{4}$ | 1 | 2 | 6 | 0 |

| Pa. | Ft. long | Side 15 $\frac{1}{4}$ | | | Ft. long | Pa. | Side 15 $\frac{1}{4}$ | | | | |
|---------------------|----------|-----------------------|-----|-----|----------|---------------|-----------------------|-----|-----|-----|----|
| | | Ft. | In. | Pa. | | | Ft. | In. | Pa. | | |
| 4 | 1 | 1 | 8 | 0 | 1 | 1 | 8 | 8 | | | |
| 9 | 2 | 3 | 4 | 0 | 2 | 3 | 5 | 4 | | | |
| 1 | 3 | 5 | 0 | 0 | 3 | 5 | 2 | 0 | | | |
| 6 | 4 | 6 | 8 | 1 | 4 | 6 | 10 | 8 | | | |
| 10 | 5 | 8 | 4 | 1 | 5 | 8 | 7 | 4 | | | |
| 3 | 6 | 10 | 0 | 1 | 6 | 10 | 4 | 0 | | | |
| 17 | 7 | 11 | 8 | 1 | 7 | 12 | 0 | 8 | | | |
| 0 | 8 | 13 | 4 | 2 | 8 | 13 | 9 | 4 | | | |
| 5 | 9 | 15 | 0 | 2 | 9 | 15 | 6 | 0 | | | |
| 9 | 10 | 16 | 8 | 2 | 10 | 17 | 2 | 8 | | | |
| 2 | 11 | 18 | 4 | 2 | 11 | 18 | 11 | 4 | | | |
| 6 | 12 | 20 | 0 | 3 | 12 | 20 | 8 | 0 | | | |
| 11 | 13 | 21 | 8 | 3 | 13 | 22 | 4 | 8 | | | |
| 3 | 14 | 23 | 4 | 3 | 14 | 24 | 1 | 4 | | | |
| 8 | 15 | 25 | 0 | 3 | 15 | 25 | 10 | 0 | | | |
| 1 | 16 | 26 | 8 | 4 | 16 | 27 | 6 | 9 | | | |
| 5 | 17 | 28 | 4 | 4 | 17 | 29 | 3 | 5 | | | |
| 10 | 18 | 30 | 0 | 4 | 18 | 31 | 0 | 1 | | | |
| 2 | 19 | 31 | 8 | 4 | 19 | 32 | 8 | 9 | | | |
| 7 | 20 | 33 | 4 | 5 | 20 | 34 | 5 | 5 | | | |
| 11 | 21 | 35 | 0 | 5 | 21 | 36 | 2 | 1 | | | |
| 4 | 22 | 36 | 8 | 5 | 22 | 37 | 10 | 9 | | | |
| 8 | 23 | 38 | 4 | 5 | 23 | 39 | 7 | 5 | | | |
| 1 | 24 | 40 | 0 | 6 | 24 | 41 | 4 | 1 | | | |
| 6 | 25 | 41 | 8 | 6 | 25 | 43 | 0 | 9 | | | |
| 10 | 26 | 43 | 4 | 6 | 26 | 44 | 9 | 5 | | | |
| 3 | 27 | 45 | 0 | 6 | 27 | 46 | 6 | 1 | | | |
| 7 | 28 | 46 | 8 | 7 | 28 | 48 | 2 | 9 | | | |
| 0 | 29 | 48 | 4 | 7 | 29 | 49 | 11 | 5 | | | |
| 4 | 30 | 50 | 0 | 7 | 30 | 51 | 8 | 1 | | | |
| 9 | 31 | 51 | 8 | 7 | 31 | 53 | 4 | 9 | | | |
| 2 | 32 | 53 | 4 | 8 | 32 | 55 | 1 | 6 | | | |
| 6 | 33 | 55 | 0 | 8 | 33 | 56 | 10 | 2 | | | |
| 11 | 34 | 56 | 8 | 8 | 34 | 58 | 6 | 10 | | | |
| 3 | 35 | 58 | 4 | 8 | 35 | 60 | 3 | 6 | | | |
| 8 | 36 | 60 | 0 | 9 | 36 | 62 | 0 | 2 | | | |
| 0 | 37 | 61 | 8 | 9 | 37 | 63 | 8 | 10 | | | |
| 5 | 38 | 63 | 4 | 9 | 38 | 65 | 5 | 6 | | | |
| 9 | 39 | 65 | 0 | 9 | 39 | 67 | 2 | 2 | | | |
| 2 | 40 | 66 | 8 | 10 | 40 | 68 | 10 | 10 | | | |
| 7 | 41 | 68 | 4 | 10 | 41 | 70 | 7 | 6 | | | |
| 11 | 42 | 70 | 0 | 10 | 42 | 72 | 4 | 2 | | | |
| 4 | 43 | 71 | 8 | 10 | 43 | 74 | 0 | 10 | | | |
| 8 | 44 | 73 | 4 | 11 | 44 | 75 | 9 | 6 | | | |
| 1 | 45 | 75 | 0 | 11 | 45 | 77 | 6 | 2 | | | |
| Quarters of a Foot. | | | | | | | | | | | |
| | | Ft. | In. | Pa. | S. | | | Ft. | In. | Pa. | S. |
| $\frac{1}{4}$ | | 0 | 5 | 0 | 0 | $\frac{1}{4}$ | | 0 | 5 | 2 | 0 |
| $\frac{1}{2}$ | | 0 | 10 | 0 | 0 | $\frac{1}{2}$ | | 0 | 10 | 4 | 0 |
| $\frac{3}{4}$ | | 1 | 3 | 0 | 0 | $\frac{3}{4}$ | | 1 | 3 | 6 | 0 |

| Ft. long | Side 16 Inch | | | Ft. long | Side 16 $\frac{1}{4}$ | | |
|----------|--------------|-----|-----|----------|-----------------------|-----|-----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 1 | 9 | 4 | 1 | 1 | 10 | 0 |
| 2 | 3 | 6 | 8 | 2 | 3 | 8 | 0 |
| 3 | 5 | 4 | 0 | 3 | 5 | 6 | 0 |
| 4 | 7 | 1 | 4 | 4 | 7 | 4 | 0 |
| 5 | 8 | 10 | 8 | 5 | 9 | 2 | 0 |
| 6 | 10 | 8 | 0 | 6 | 11 | 0 | 0 |
| 7 | 12 | 5 | 4 | 7 | 12 | 10 | 0 |
| 8 | 14 | 2 | 8 | 8 | 14 | 8 | 0 |
| 9 | 16 | 0 | 0 | 9 | 16 | 6 | 0 |
| 10 | 17 | 9 | 4 | 10 | 18 | 4 | 0 |
| 11 | 19 | 6 | 8 | 11 | 20 | 2 | 0 |
| 12 | 21 | 4 | 0 | 12 | 22 | 0 | 0 |
| 13 | 23 | 1 | 4 | 13 | 23 | 10 | 0 |
| 14 | 24 | 10 | 8 | 14 | 25 | 8 | 0 |
| 15 | 26 | 8 | 0 | 15 | 27 | 6 | 0 |
| 16 | 28 | 5 | 4 | 16 | 29 | 4 | 1 |
| 17 | 30 | 2 | 8 | 17 | 31 | 2 | 1 |
| 18 | 32 | 0 | 0 | 18 | 33 | 0 | 1 |
| 19 | 33 | 9 | 4 | 19 | 34 | 10 | 1 |
| 20 | 35 | 6 | 8 | 20 | 36 | 8 | 1 |
| 21 | 37 | 4 | 0 | 21 | 38 | 6 | 1 |
| 22 | 39 | 1 | 4 | 22 | 40 | 4 | 1 |
| 23 | 40 | 10 | 8 | 23 | 42 | 2 | 1 |
| 24 | 42 | 8 | 0 | 24 | 44 | 0 | 1 |
| 25 | 44 | 5 | 4 | 25 | 45 | 10 | 1 |
| 26 | 46 | 2 | 8 | 26 | 47 | 8 | 1 |
| 27 | 48 | 0 | 0 | 27 | 49 | 6 | 1 |
| 28 | 49 | 9 | 4 | 28 | 51 | 4 | 1 |
| 29 | 51 | 6 | 8 | 29 | 53 | 2 | 1 |
| 30 | 53 | 4 | 0 | 30 | 55 | 0 | 1 |
| 31 | 55 | 1 | 4 | 31 | 56 | 10 | 1 |
| 32 | 56 | 10 | 8 | 32 | 58 | 8 | 2 |
| 33 | 58 | 8 | 0 | 33 | 60 | 6 | 2 |
| 34 | 60 | 5 | 4 | 34 | 62 | 4 | 2 |
| 35 | 62 | 2 | 8 | 35 | 64 | 2 | 2 |
| 36 | 64 | 0 | 0 | 36 | 66 | 0 | 2 |
| 37 | 65 | 9 | 4 | 37 | 67 | 10 | 2 |
| 38 | 67 | 6 | 8 | 38 | 69 | 8 | 2 |
| 39 | 69 | 4 | 0 | 39 | 71 | 6 | 2 |
| 40 | 71 | 1 | 4 | 40 | 73 | 4 | 2 |
| 41 | 72 | 10 | 8 | 41 | 75 | 2 | 2 |
| 42 | 74 | 8 | 0 | 42 | 77 | 0 | 2 |
| 43 | 76 | 5 | 4 | 43 | 78 | 10 | 2 |
| 44 | 78 | 2 | 8 | 44 | 80 | 8 | 2 |
| 45 | 80 | 0 | 0 | 45 | 82 | 6 | 2 |

Quarters of a Foot.

| | Ft. | In. | Pa. | S. |
|---------------|-----|-----|-----|----|
| $\frac{1}{4}$ | 0 | 5 | 4 | 0 |
| $\frac{1}{2}$ | 0 | 10 | 8 | 0 |
| $\frac{3}{4}$ | 1 | 4 | 0 | 0 |

Quarters of a Foot.

| | Ft. | In. | Pa. | S. |
|---------------|-----|-----|-----|----|
| $\frac{1}{4}$ | 0 | 5 | 6 | 0 |
| $\frac{1}{2}$ | 0 | 11 | 0 | 0 |
| $\frac{3}{4}$ | 1 | 4 | 6 | 0 |

| Ft. long | Side 17 Inch. | | | Ft. long | Side 17 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 2 | 0 | 1 | 1 | 2 | 0 | 9 |
| 2 | 4 | 0 | 2 | 2 | 4 | 1 | 7 |
| 3 | 6 | 0 | 3 | 3 | 6 | 2 | 4 |
| 4 | 8 | 0 | 4 | 4 | 8 | 3 | 2 |
| 5 | 10 | 0 | 5 | 5 | 10 | 3 | 11 |
| 6 | 12 | 0 | 6 | 6 | 12 | 4 | 9 |
| 7 | 14 | 0 | 7 | 7 | 14 | 5 | 6 |
| 8 | 16 | 0 | 8 | 8 | 16 | 6 | 4 |
| 9 | 18 | 0 | 9 | 9 | 18 | 7 | 2 |
| 10 | 20 | 0 | 10 | 10 | 20 | 7 | 11 |
| 11 | 22 | 0 | 11 | 11 | 22 | 8 | 9 |
| 12 | 24 | 1 | 0 | 12 | 24 | 9 | 6 |
| 13 | 26 | 1 | 1 | 13 | 26 | 10 | 4 |
| 14 | 28 | 1 | 2 | 14 | 28 | 11 | 1 |
| 15 | 30 | 1 | 3 | 15 | 30 | 11 | 11 |
| 16 | 32 | 1 | 4 | 16 | 33 | 0 | 9 |
| 17 | 34 | 1 | 5 | 17 | 35 | 1 | 6 |
| 18 | 36 | 1 | 6 | 18 | 37 | 2 | 4 |
| 19 | 38 | 1 | 7 | 19 | 39 | 3 | 1 |
| 20 | 40 | 1 | 8 | 20 | 41 | 3 | 11 |
| 21 | 42 | 1 | 9 | 21 | 43 | 4 | 8 |
| 22 | 44 | 1 | 10 | 22 | 45 | 5 | 6 |
| 23 | 46 | 1 | 11 | 23 | 47 | 6 | 3 |
| 24 | 48 | 2 | 0 | 24 | 49 | 7 | 1 |
| 25 | 50 | 2 | 1 | 25 | 51 | 7 | 11 |
| 26 | 52 | 2 | 2 | 26 | 53 | 8 | 8 |
| 27 | 54 | 2 | 3 | 27 | 55 | 9 | 6 |
| 28 | 56 | 2 | 4 | 28 | 57 | 10 | 3 |
| 29 | 58 | 2 | 5 | 29 | 59 | 11 | 1 |
| 30 | 60 | 2 | 6 | 30 | 61 | 11 | 10 |
| 31 | 62 | 2 | 7 | 31 | 64 | 0 | 8 |
| 32 | 64 | 2 | 8 | 32 | 66 | 1 | 6 |
| 33 | 66 | 2 | 9 | 33 | 68 | 2 | 3 |
| 34 | 68 | 2 | 10 | 34 | 70 | 3 | 1 |
| 35 | 70 | 2 | 11 | 35 | 72 | 3 | 10 |
| 36 | 72 | 3 | 0 | 36 | 74 | 4 | 8 |
| 37 | 74 | 3 | 1 | 37 | 76 | 5 | 5 |
| 38 | 76 | 3 | 2 | 38 | 78 | 6 | 3 |
| 39 | 78 | 3 | 3 | 39 | 80 | 7 | 0 |
| 40 | 80 | 3 | 4 | 40 | 82 | 7 | 10 |
| 41 | 82 | 3 | 5 | 41 | 84 | 8 | 8 |
| 42 | 84 | 3 | 6 | 42 | 86 | 9 | 5 |
| 43 | 86 | 3 | 7 | 43 | 88 | 10 | 3 |
| 44 | 88 | 3 | 8 | 44 | 90 | 11 | 0 |
| 45 | 90 | 3 | 9 | 45 | 92 | 11 | 10 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 0 | 6 | 0 3 | $\frac{1}{4}$ | 0 | 6 | 2 3 |
| $\frac{1}{2}$ | 1 | 0 | 0 6 | $\frac{1}{2}$ | 1 | 0 | 4 6 |
| $\frac{3}{4}$ | 1 | 6 | 0 9 | $\frac{3}{4}$ | 1 | 6 | 6 9 |

| Pa. | Ft. long | Side 17 $\frac{1}{2}$ | | | Ft. long | Side 17 $\frac{3}{4}$ | | |
|---------------------|----------|-----------------------|-----|-----|---------------|-----------------------|-----|--------|
| | | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 9 | 1 | 2 | 1 | 6 | 1 | 2 | 2 | 3 |
| 7 | 2 | 4 | 3 | 0 | 2 | 4 | 4 | 6 |
| 4 | 3 | 6 | 4 | 6 | 3 | 6 | 6 | 9 |
| 2 | 4 | 8 | 6 | 1 | 4 | 8 | 9 | 0 |
| 11 | 5 | 10 | 7 | 7 | 5 | 10 | 11 | 3 |
| 9 | 6 | 12 | 9 | 1 | 6 | 13 | 1 | 6 |
| 6 | 7 | 14 | 10 | 7 | 7 | 15 | 3 | 9 |
| 4 | 8 | 17 | 0 | 2 | 8 | 17 | 6 | 0 |
| 2 | 9 | 19 | 1 | 8 | 9 | 19 | 8 | 3 |
| 11 | 10 | 21 | 3 | 2 | 10 | 21 | 10 | 6 |
| 9 | 11 | 23 | 4 | 8 | 11 | 24 | 0 | 9 |
| 6 | 12 | 25 | 6 | 3 | 12 | 26 | 3 | 0 |
| 4 | 13 | 27 | 7 | 9 | 13 | 28 | 5 | 3 |
| 1 | 14 | 29 | 9 | 3 | 14 | 30 | 7 | 6 |
| 11 | 15 | 31 | 10 | 9 | 15 | 32 | 9 | 9 |
| 9 | 16 | 34 | 0 | 4 | 16 | 35 | 0 | 1 |
| 6 | 17 | 36 | 1 | 10 | 17 | 37 | 2 | 4 |
| 4 | 18 | 38 | 3 | 4 | 18 | 39 | 4 | 7 |
| 1 | 19 | 40 | 4 | 10 | 19 | 41 | 6 | 10 |
| 11 | 20 | 42 | 6 | 5 | 20 | 43 | 9 | 1 |
| 8 | 21 | 44 | 7 | 11 | 21 | 45 | 11 | 4 |
| 6 | 22 | 46 | 9 | 5 | 22 | 48 | 1 | 7 |
| 3 | 23 | 48 | 10 | 11 | 23 | 50 | 3 | 10 |
| 1 | 24 | 51 | 0 | 6 | 24 | 52 | 6 | 1 |
| 11 | 25 | 53 | 2 | 0 | 25 | 54 | 8 | 4 |
| 8 | 26 | 55 | 3 | 6 | 26 | 56 | 10 | 7 |
| 6 | 27 | 57 | 5 | 0 | 27 | 59 | 0 | 10 |
| 3 | 28 | 59 | 6 | 7 | 28 | 61 | 3 | 1 |
| 1 | 29 | 61 | 8 | 1 | 29 | 63 | 5 | 4 |
| 10 | 30 | 63 | 9 | 7 | 30 | 65 | 7 | 7 |
| 8 | 31 | 65 | 11 | 1 | 31 | 67 | 9 | 10 |
| 6 | 32 | 68 | 0 | 8 | 32 | 70 | 0 | 2 |
| 3 | 33 | 70 | 2 | 2 | 33 | 72 | 2 | 5 |
| 1 | 34 | 72 | 3 | 8 | 34 | 74 | 4 | 8 |
| 0 | 35 | 74 | 5 | 2 | 35 | 76 | 0 | 11 |
| 8 | 36 | 76 | 6 | 9 | 36 | 78 | 9 | 2 |
| 5 | 37 | 78 | 8 | 3 | 37 | 80 | 11 | 5 |
| 3 | 38 | 80 | 9 | 9 | 38 | 83 | 1 | 8 |
| 0 | 39 | 82 | 11 | 3 | 39 | 85 | 3 | 11 |
| 0 | 40 | 85 | 0 | 10 | 40 | 87 | 6 | 2 |
| 8 | 41 | 87 | 2 | 4 | 41 | 89 | 8 | 5 |
| 5 | 42 | 89 | 3 | 10 | 42 | 91 | 10 | 8 |
| 3 | 43 | 91 | 5 | 4 | 43 | 94 | 0 | 11 |
| 0 | 44 | 93 | 6 | 11 | 44 | 96 | 3 | 2 |
| 0 | 45 | 95 | 8 | 5 | 45 | 98 | 5 | 5 |
| Quarters of a Foot. | | | | | | | | |
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 0 | 6 | 4 | 6 | $\frac{1}{4}$ | 0 | 6 | 6 9 |
| $\frac{1}{2}$ | 1 | 0 | 9 | 0 | $\frac{1}{2}$ | 1 | 1 | 1 6 |
| $\frac{3}{4}$ | 1 | 7 | 1 | 6 | $\frac{3}{4}$ | 1 | 7 | 8 3 |

| Ft. long. | Side 18 Inch. | | | Ft. long. | Side 18 $\frac{1}{4}$ | | |
|-----------|---------------|-----|-----|-----------|-----------------------|-----|-----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 2 | 3 | 0 | 1 | 2 | 3 | 9 |
| 2 | 4 | 6 | 0 | 2 | 4 | 7 | 6 |
| 3 | 6 | 9 | 0 | 3 | 6 | 11 | 3 |
| 4 | 9 | 0 | 0 | 4 | 9 | 3 | 0 |
| 5 | 11 | 3 | 0 | 5 | 11 | 6 | 9 |
| 6 | 13 | 6 | 0 | 6 | 13 | 10 | 6 |
| 7 | 15 | 9 | 0 | 7 | 16 | 2 | 3 |
| 8 | 18 | 0 | 0 | 8 | 18 | 6 | 0 |
| 9 | 20 | 3 | 0 | 9 | 20 | 9 | 9 |
| 10 | 22 | 6 | 0 | 10 | 23 | 1 | 6 |
| 11 | 24 | 9 | 0 | 11 | 25 | 5 | 3 |
| 12 | 27 | 0 | 0 | 12 | 27 | 9 | 0 |
| 13 | 29 | 3 | 0 | 13 | 30 | 0 | 9 |
| 14 | 31 | 6 | 0 | 14 | 32 | 4 | 6 |
| 15 | 33 | 9 | 0 | 15 | 34 | 8 | 3 |
| 16 | 36 | 0 | 0 | 16 | 37 | 0 | 1 |
| 17 | 38 | 3 | 0 | 17 | 39 | 3 | 10 |
| 18 | 40 | 6 | 0 | 18 | 41 | 7 | 7 |
| 19 | 42 | 9 | 0 | 19 | 43 | 11 | 4 |
| 20 | 45 | 0 | 0 | 20 | 46 | 3 | 1 |
| 21 | 47 | 3 | 0 | 21 | 48 | 6 | 10 |
| 22 | 49 | 6 | 0 | 22 | 50 | 10 | 7 |
| 23 | 51 | 9 | 0 | 23 | 53 | 2 | 4 |
| 24 | 54 | 0 | 0 | 24 | 55 | 6 | 1 |
| 25 | 56 | 3 | 0 | 25 | 57 | 9 | 10 |
| 26 | 58 | 6 | 0 | 26 | 60 | 1 | 7 |
| 27 | 60 | 9 | 0 | 27 | 62 | 5 | 4 |
| 28 | 63 | 0 | 0 | 28 | 64 | 9 | 1 |
| 29 | 65 | 3 | 0 | 29 | 67 | 0 | 10 |
| 30 | 67 | 6 | 0 | 30 | 69 | 4 | 7 |
| 31 | 69 | 9 | 0 | 31 | 71 | 8 | 4 |
| 32 | 72 | 0 | 0 | 32 | 74 | 0 | 2 |
| 33 | 74 | 3 | 0 | 33 | 76 | 3 | 11 |
| 34 | 76 | 6 | 0 | 34 | 78 | 7 | 8 |
| 35 | 78 | 9 | 0 | 35 | 80 | 11 | 5 |
| 36 | 81 | 0 | 0 | 36 | 83 | 3 | 2 |
| 37 | 83 | 3 | 0 | 37 | 85 | 6 | 11 |
| 38 | 85 | 6 | 0 | 38 | 87 | 10 | 8 |
| 39 | 87 | 9 | 0 | 39 | 90 | 2 | 5 |
| 40 | 90 | 0 | 0 | 40 | 92 | 6 | 2 |
| 41 | 92 | 3 | 0 | 41 | 94 | 9 | 11 |
| 42 | 94 | 6 | 0 | 42 | 97 | 1 | 8 |
| 43 | 96 | 9 | 0 | 43 | 99 | 5 | 5 |
| 44 | 99 | 0 | 0 | 44 | 101 | 9 | 2 |
| 45 | 101 | 3 | 0 | 45 | 104 | 0 | 11 |

| Quarters of a Foot. | | | | | Quarters of a Foot. | | | | |
|---------------------|-----|-----|-----|----|---------------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| $\frac{1}{4}$ | 0 | 6 | 9 | 0 | $\frac{1}{4}$ | 0 | 6 | 11 | 3 |
| $\frac{1}{2}$ | 1 | 1 | 6 | 0 | $\frac{1}{2}$ | 1 | 1 | 10 | 6 |
| $\frac{3}{4}$ | 1 | 8 | 3 | 0 | $\frac{3}{4}$ | 1 | 8 | 9 | 9 |

| Ft. long | Side 18 $\frac{1}{2}$ | | | Ft. long | Side 18 $\frac{1}{4}$ | | |
|---------------------|-----------------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 2 | 4 | 6 | 1 | 2 | 5 | 3 |
| 2 | 4 | 9 | 0 | 2 | 4 | 10 | 7 |
| 3 | 7 | 1 | 6 | 3 | 7 | 3 | 10 |
| 4 | 9 | 6 | 1 | 4 | 9 | 9 | 2 |
| 5 | 11 | 10 | 7 | 5 | 12 | 2 | 5 |
| 6 | 14 | 3 | 1 | 6 | 14 | 7 | 9 |
| 7 | 16 | 7 | 7 | 7 | 17 | 1 | 0 |
| 8 | 19 | 0 | 2 | 8 | 19 | 6 | 4 |
| 9 | 21 | 4 | 8 | 9 | 21 | 11 | 8 |
| 10 | 23 | 9 | 2 | 10 | 24 | 4 | 11 |
| 11 | 26 | 1 | 8 | 11 | 26 | 10 | 3 |
| 12 | 28 | 6 | 3 | 12 | 29 | 3 | 6 |
| 13 | 30 | 10 | 9 | 13 | 31 | 8 | 10 |
| 14 | 33 | 3 | 3 | 14 | 34 | 2 | 1 |
| 15 | 35 | 7 | 9 | 15 | 36 | 7 | 5 |
| 16 | 38 | 0 | 4 | 16 | 39 | 0 | 9 |
| 17 | 40 | 4 | 10 | 17 | 41 | 6 | 0 |
| 18 | 42 | 9 | 4 | 18 | 43 | 11 | 4 |
| 19 | 45 | 1 | 10 | 19 | 46 | 4 | 7 |
| 20 | 47 | 6 | 5 | 20 | 48 | 9 | 11 |
| 21 | 49 | 10 | 11 | 21 | 51 | 3 | 2 |
| 22 | 52 | 3 | 5 | 22 | 53 | 8 | 6 |
| 23 | 54 | 7 | 11 | 23 | 56 | 1 | 9 |
| 24 | 57 | 0 | 6 | 24 | 58 | 7 | 1 |
| 25 | 59 | 5 | 0 | 25 | 61 | 0 | 5 |
| 26 | 61 | 9 | 6 | 26 | 63 | 5 | 8 |
| 27 | 64 | 2 | 0 | 27 | 65 | 11 | 0 |
| 28 | 66 | 6 | 7 | 28 | 68 | 4 | 3 |
| 29 | 68 | 11 | 1 | 29 | 70 | 9 | 7 |
| 30 | 71 | 3 | 7 | 30 | 73 | 2 | 10 |
| 31 | 73 | 8 | 1 | 31 | 75 | 8 | 2 |
| 32 | 76 | 0 | 8 | 32 | 78 | 1 | 6 |
| 33 | 78 | 5 | 2 | 33 | 80 | 6 | 9 |
| 34 | 80 | 9 | 8 | 34 | 83 | 0 | 1 |
| 35 | 83 | 2 | 2 | 35 | 85 | 5 | 4 |
| 36 | 85 | 6 | 9 | 36 | 87 | 10 | 8 |
| 37 | 87 | 11 | 3 | 37 | 90 | 3 | 11 |
| 38 | 90 | 3 | 9 | 38 | 92 | 9 | 3 |
| 39 | 92 | 8 | 3 | 39 | 95 | 2 | 6 |
| 40 | 95 | 0 | 10 | 40 | 97 | 7 | 10 |
| 41 | 97 | 5 | 4 | 41 | 100 | 1 | 2 |
| 42 | 99 | 9 | 10 | 42 | 102 | 6 | 5 |
| 43 | 102 | 2 | 4 | 43 | 104 | 11 | 9 |
| 44 | 104 | 6 | 11 | 44 | 107 | 5 | 0 |
| 45 | 106 | 11 | 5 | 45 | 109 | 10 | 4 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 0 | 7 | 1 6 | $\frac{1}{4}$ | 0 | 7 | 3 9 |
| $\frac{1}{2}$ | 1 | 2 | 3 0 | $\frac{1}{2}$ | 1 | 2 | 7 6 |
| $\frac{3}{4}$ | 1 | 9 | 4 6 | $\frac{3}{4}$ | 1 | 9 | 11 3 |

| Ft. long | Side 19 Inch. | | | Ft. long | Side 19 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 2 | 6 | 1 | 1 | 2 | 6 | 10 |
| 2 | 5 | 0 | 2 | 2 | 5 | 1 | 9 |
| 3 | 7 | 6 | 3 | 3 | 7 | 8 | 7 |
| 4 | 10 | 0 | 4 | 4 | 10 | 3 | 6 |
| 5 | 12 | 6 | 5 | 5 | 12 | 10 | 4 |
| 6 | 15 | 0 | 6 | 6 | 15 | 5 | 3 |
| 7 | 17 | 6 | 7 | 7 | 18 | 0 | 1 |
| 8 | 20 | 0 | 8 | 8 | 20 | 7 | 0 |
| 9 | 22 | 6 | 9 | 9 | 23 | 1 | 11 |
| 10 | 25 | 0 | 10 | 10 | 25 | 8 | 9 |
| 11 | 27 | 6 | 11 | 11 | 28 | 3 | 8 |
| 12 | 30 | 1 | 0 | 12 | 30 | 10 | 6 |
| 13 | 32 | 7 | 1 | 13 | 33 | 5 | 5 |
| 14 | 35 | 1 | 2 | 14 | 36 | 0 | 3 |
| 15 | 37 | 7 | 3 | 15 | 38 | 7 | 2 |
| 16 | 40 | 1 | 4 | 16 | 41 | 2 | 1 |
| 17 | 42 | 7 | 5 | 17 | 43 | 8 | 11 |
| 18 | 45 | 1 | 6 | 18 | 46 | 3 | 10 |
| 19 | 47 | 7 | 7 | 19 | 48 | 10 | 8 |
| 20 | 50 | 1 | 8 | 20 | 51 | 5 | 7 |
| 21 | 52 | 7 | 9 | 21 | 54 | 0 | 5 |
| 22 | 55 | 1 | 10 | 22 | 56 | 7 | 4 |
| 23 | 57 | 7 | 11 | 23 | 59 | 2 | 2 |
| 24 | 60 | 2 | 0 | 24 | 61 | 9 | 1 |
| 25 | 62 | 8 | 1 | 25 | 64 | 4 | 0 |
| 26 | 65 | 2 | 2 | 26 | 66 | 10 | 10 |
| 27 | 67 | 8 | 3 | 27 | 69 | 5 | 9 |
| 28 | 70 | 2 | 4 | 28 | 72 | 0 | 7 |
| 29 | 72 | 8 | 5 | 29 | 74 | 7 | 6 |
| 30 | 75 | 2 | 6 | 30 | 77 | 2 | 4 |
| 31 | 77 | 8 | 7 | 31 | 79 | 9 | 3 |
| 32 | 80 | 2 | 8 | 32 | 82 | 4 | 2 |
| 33 | 82 | 8 | 9 | 33 | 84 | 11 | 0 |
| 34 | 85 | 2 | 10 | 34 | 87 | 5 | 11 |
| 35 | 87 | 8 | 11 | 35 | 90 | 0 | 3 |
| 36 | 90 | 3 | 0 | 36 | 92 | 7 | 8 |
| 37 | 92 | 9 | 1 | 37 | 95 | 2 | 6 |
| 38 | 95 | 3 | 2 | 38 | 97 | 9 | 5 |
| 39 | 97 | 9 | 3 | 39 | 100 | 4 | 3 |
| 40 | 100 | 3 | 4 | 40 | 102 | 11 | 2 |
| 41 | 102 | 9 | 5 | 41 | 105 | 6 | 1 |
| 42 | 105 | 3 | 6 | 42 | 108 | 0 | 11 |
| 43 | 107 | 9 | 7 | 43 | 110 | 7 | 10 |
| 44 | 110 | 3 | 8 | 44 | 113 | 2 | 8 |
| 45 | 112 | 9 | 9 | 45 | 115 | 9 | 7 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 0 | 7 | 6 3 | $\frac{1}{4}$ | 0 | 7 | 8 6 |
| $\frac{1}{2}$ | 1 | 3 | 0 6 | $\frac{1}{2}$ | 1 | 3 | 5 0 |
| $\frac{3}{4}$ | 1 | 10 | 6 9 | $\frac{3}{4}$ | 1 | 11 | 1 6 |

Pa.
10
9
7
6
4
3
1
0
11
9
8
6
5
3
2
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11
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4
2
1
0
10
9
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4
3
2
0
11
3
8
6
5
3
2
1
11
10
8
7
10
1
6

| Side 19 $\frac{1}{2}$ | | | | Side 19 $\frac{3}{4}$ | | | |
|-----------------------|-----|-----|--------|-----------------------|-----|-----|--------|
| Ft. long | Ft. | In. | Pa. | Ft. long | Ft. | In. | Pa. |
| | | | | | | | |
| 1 | 2 | 7 | 8 | 1 | 2 | 8 | 6 |
| 2 | 5 | 3 | 4 | 2 | 5 | 5 | 0 |
| 3 | 7 | 11 | 0 | 3 | 8 | 1 | 6 |
| 4 | 10 | 6 | 9 | 4 | 10 | 10 | 0 |
| 5 | 13 | 2 | 5 | 5 | 13 | 6 | 6 |
| 6 | 15 | 10 | 1 | 6 | 16 | 3 | 0 |
| 7 | 18 | 5 | 9 | 7 | 18 | 11 | 6 |
| 8 | 21 | 1 | 6 | 8 | 21 | 8 | 0 |
| 9 | 23 | 9 | 2 | 9 | 24 | 4 | 6 |
| 10 | 26 | 4 | 10 | 10 | 27 | 1 | 0 |
| 11 | 29 | 0 | 6 | 11 | 29 | 9 | 6 |
| 12 | 31 | 8 | 3 | 12 | 32 | 6 | 0 |
| 13 | 34 | 3 | 11 | 13 | 35 | 2 | 6 |
| 14 | 36 | 11 | 7 | 14 | 37 | 11 | 0 |
| 15 | 39 | 7 | 3 | 15 | 40 | 7 | 6 |
| 16 | 42 | 3 | 0 | 16 | 43 | 4 | 1 |
| 17 | 44 | 10 | 8 | 17 | 46 | 0 | 7 |
| 18 | 47 | 6 | 4 | 18 | 48 | 9 | 1 |
| 19 | 50 | 2 | 0 | 19 | 51 | 5 | 7 |
| 20 | 52 | 9 | 9 | 20 | 54 | 2 | 1 |
| 21 | 55 | 5 | 5 | 21 | 56 | 10 | 7 |
| 22 | 58 | 1 | 1 | 22 | 59 | 7 | 1 |
| 23 | 60 | 8 | 9 | 23 | 62 | 3 | 7 |
| 24 | 63 | 4 | 6 | 24 | 65 | 0 | 1 |
| 25 | 66 | 0 | 2 | 25 | 67 | 8 | 7 |
| 26 | 68 | 7 | 10 | 26 | 70 | 5 | 1 |
| 27 | 71 | 3 | 6 | 27 | 73 | 1 | 7 |
| 28 | 73 | 11 | 3 | 28 | 75 | 10 | 1 |
| 29 | 76 | 6 | 11 | 29 | 78 | 6 | 7 |
| 30 | 79 | 2 | 7 | 30 | 81 | 3 | 1 |
| 31 | 81 | 10 | 3 | 31 | 83 | 11 | 7 |
| 32 | 84 | 6 | 0 | 32 | 86 | 8 | 2 |
| 33 | 87 | 1 | 8 | 33 | 89 | 4 | 8 |
| 34 | 89 | 9 | 4 | 34 | 92 | 1 | 2 |
| 35 | 92 | 5 | 0 | 35 | 94 | 9 | 8 |
| 36 | 95 | 0 | 9 | 36 | 97 | 6 | 2 |
| 37 | 97 | 8 | 5 | 37 | 100 | 2 | 8 |
| 38 | 100 | 4 | 1 | 38 | 102 | 11 | 2 |
| 39 | 102 | 11 | 9 | 39 | 105 | 7 | 8 |
| 40 | 105 | 7 | 6 | 40 | 108 | 4 | 2 |
| 41 | 108 | 3 | 2 | 41 | 111 | 0 | 8 |
| 42 | 110 | 10 | 10 | 42 | 113 | 9 | 2 |
| 43 | 113 | 6 | 6 | 43 | 116 | 5 | 8 |
| 44 | 116 | 2 | 3 | 44 | 119 | 2 | 2 |
| 45 | 118 | 9 | 11 | 45 | 121 | 10 | 8 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 0 | 7 | 11 0 | $\frac{1}{4}$ | 0 | 8 | 1 6 |
| $\frac{1}{2}$ | 1 | 3 | 10 0 | $\frac{1}{2}$ | 1 | 4 | 3 0 |
| $\frac{3}{4}$ | 1 | 11 | 9 0 | $\frac{3}{4}$ | 2 | 0 | 4 6 |

| Ft. long | Side 20 Inch. | | | Ft. long | Side 20 $\frac{1}{4}$ | | | | |
|---------------------|---------------|-----|-----|---------------------|-----------------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. | | |
| 1 | 2 | 9 | 4 | 1 | 2 | 10 | 2 | | |
| 2 | 5 | 6 | 8 | 2 | 5 | 8 | 4 | | |
| 3 | 8 | 4 | 0 | 3 | 8 | 6 | 6 | | |
| 4 | 11 | 1 | 4 | 4 | 11 | 4 | 8 | | |
| 5 | 13 | 10 | 8 | 5 | 14 | 2 | 10 | | |
| 6 | 16 | 8 | 0 | 6 | 17 | 1 | 0 | | |
| 7 | 19 | 5 | 4 | 7 | 19 | 11 | 2 | | |
| 8 | 22 | 2 | 8 | 8 | 22 | 9 | 4 | | |
| 9 | 25 | 0 | 0 | 9 | 25 | 7 | 6 | | |
| 10 | 27 | 9 | 4 | 10 | 28 | 5 | 8 | | |
| 11 | 30 | 6 | 8 | 11 | 31 | 3 | 10 | | |
| 12 | 33 | 4 | 0 | 12 | 34 | 2 | 0 | | |
| 13 | 36 | 1 | 4 | 13 | 37 | 0 | 2 | | |
| 14 | 38 | 10 | 8 | 14 | 39 | 10 | 4 | | |
| 15 | 41 | 8 | 0 | 15 | 42 | 8 | 6 | | |
| 16 | 44 | 5 | 4 | 16 | 45 | 6 | 9 | | |
| 17 | 47 | 2 | 8 | 17 | 48 | 4 | 11 | | |
| 18 | 50 | 0 | 0 | 18 | 51 | 3 | 1 | | |
| 19 | 52 | 9 | 4 | 19 | 54 | 1 | 3 | | |
| 20 | 55 | 6 | 8 | 20 | 56 | 11 | 5 | | |
| 21 | 58 | 4 | 0 | 21 | 59 | 9 | 7 | | |
| 22 | 61 | 1 | 4 | 22 | 62 | 7 | 9 | | |
| 23 | 63 | 10 | 8 | 23 | 65 | 5 | 11 | | |
| 24 | 66 | 8 | 0 | 24 | 68 | 4 | 1 | | |
| 25 | 69 | 5 | 4 | 25 | 71 | 2 | 3 | | |
| 26 | 72 | 2 | 8 | 26 | 74 | 0 | 5 | | |
| 27 | 75 | 0 | 0 | 27 | 76 | 10 | 7 | | |
| 28 | 77 | 9 | 4 | 28 | 79 | 8 | 9 | | |
| 29 | 80 | 6 | 8 | 29 | 82 | 6 | 11 | | |
| 30 | 83 | 4 | 0 | 30 | 85 | 5 | 1 | | |
| 31 | 86 | 1 | 4 | 31 | 88 | 3 | 3 | | |
| 32 | 88 | 10 | 8 | 32 | 91 | 1 | 6 | | |
| 33 | 91 | 8 | 0 | 33 | 93 | 11 | 8 | | |
| 34 | 94 | 5 | 4 | 34 | 96 | 9 | 10 | | |
| 35 | 97 | 2 | 8 | 35 | 99 | 8 | 0 | | |
| 36 | 100 | 0 | 0 | 36 | 102 | 6 | 2 | | |
| 37 | 102 | 9 | 4 | 37 | 105 | 4 | 4 | | |
| 38 | 105 | 6 | 8 | 38 | 108 | 2 | 6 | | |
| 39 | 108 | 4 | 0 | 39 | 111 | 0 | 8 | | |
| 40 | 111 | 1 | 4 | 40 | 113 | 10 | 10 | | |
| 41 | 113 | 10 | 8 | 41 | 116 | 9 | 0 | | |
| 42 | 116 | 8 | 0 | 42 | 119 | 7 | 2 | | |
| 43 | 119 | 5 | 4 | 43 | 122 | 5 | 4 | | |
| 44 | 122 | 2 | 8 | 44 | 125 | 3 | 6 | | |
| 45 | 125 | 0 | 0 | 45 | 128 | 1 | 8 | | |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | | | |
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| $\frac{1}{4}$ | 0 | 8 | 4 | 0 | $\frac{1}{4}$ | 0 | 8 | 6 | 6 |
| $\frac{1}{2}$ | 1 | 4 | 8 | 0 | $\frac{1}{2}$ | 1 | 5 | 1 | 0 |
| $\frac{3}{4}$ | 2 | 1 | 0 | 0 | $\frac{3}{4}$ | 2 | 1 | 7 | 6 |

| Ft. long | Side 21 Inch. | | | Ft. long | Side 21 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 3 | 0 | 9 | 1 | 3 | 1 | 7 |
| 2 | 6 | 1 | 6 | 2 | 6 | 3 | 3 |
| 3 | 9 | 2 | 3 | 3 | 9 | 4 | 10 |
| 4 | 12 | 3 | 0 | 4 | 12 | 6 | 6 |
| 5 | 15 | 3 | 9 | 5 | 15 | 8 | 1 |
| 6 | 18 | 4 | 6 | 6 | 18 | 9 | 9 |
| 7 | 21 | 5 | 3 | 7 | 21 | 11 | 4 |
| 8 | 24 | 6 | 0 | 8 | 25 | 1 | 0 |
| 9 | 27 | 6 | 9 | 9 | 28 | 2 | 8 |
| 10 | 30 | 7 | 6 | 10 | 31 | 4 | 3 |
| 11 | 33 | 8 | 3 | 11 | 34 | 5 | 11 |
| 12 | 36 | 9 | 0 | 12 | 37 | 7 | 6 |
| 13 | 39 | 9 | 9 | 13 | 40 | 9 | 2 |
| 14 | 42 | 10 | 6 | 14 | 43 | 10 | 9 |
| 15 | 45 | 11 | 3 | 15 | 47 | 0 | 5 |
| 16 | 49 | 0 | 0 | 16 | 50 | 2 | 1 |
| 17 | 52 | 0 | 9 | 17 | 53 | 3 | 8 |
| 18 | 55 | 1 | 6 | 18 | 56 | 5 | 4 |
| 19 | 58 | 2 | 3 | 19 | 59 | 6 | 11 |
| 20 | 61 | 3 | 0 | 20 | 62 | 8 | 7 |
| 21 | 64 | 3 | 9 | 21 | 65 | 10 | 2 |
| 22 | 67 | 4 | 6 | 22 | 68 | 11 | 10 |
| 23 | 70 | 5 | 3 | 23 | 72 | 1 | 5 |
| 24 | 73 | 6 | 0 | 24 | 75 | 3 | 1 |
| 25 | 76 | 6 | 9 | 25 | 78 | 4 | 9 |
| 26 | 79 | 7 | 6 | 26 | 81 | 6 | 4 |
| 27 | 82 | 8 | 3 | 27 | 84 | 8 | 0 |
| 28 | 85 | 9 | 0 | 28 | 87 | 9 | 7 |
| 29 | 88 | 9 | 9 | 29 | 90 | 11 | 3 |
| 30 | 91 | 10 | 6 | 30 | 94 | 0 | 10 |
| 31 | 94 | 11 | 3 | 31 | 97 | 2 | 6 |
| 32 | 98 | 0 | 0 | 32 | 100 | 4 | 2 |
| 33 | 101 | 0 | 9 | 33 | 103 | 5 | 9 |
| 34 | 104 | 1 | 6 | 34 | 106 | 7 | 5 |
| 35 | 107 | 2 | 3 | 35 | 109 | 9 | 0 |
| 36 | 110 | 3 | 0 | 36 | 112 | 10 | 8 |
| 37 | 113 | 3 | 9 | 37 | 116 | 0 | 3 |
| 38 | 116 | 4 | 6 | 38 | 119 | 1 | 11 |
| 39 | 119 | 5 | 3 | 39 | 122 | 3 | 6 |
| 40 | 122 | 6 | 0 | 40 | 125 | 5 | 2 |
| 41 | 125 | 6 | 9 | 41 | 128 | 6 | 10 |
| 42 | 128 | 7 | 6 | 42 | 131 | 8 | 5 |
| 43 | 131 | 8 | 3 | 43 | 134 | 10 | 1 |
| 44 | 134 | 9 | 0 | 44 | 137 | 11 | 8 |
| 45 | 137 | 9 | 9 | 45 | 141 | 1 | 4 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 0 | 9 | 2 3 | $\frac{1}{4}$ | 0 | 9 | 4 9 |
| $\frac{1}{2}$ | 1 | 6 | 4 6 | $\frac{1}{2}$ | 1 | 6 | 9 6 |
| $\frac{3}{4}$ | 2 | 3 | 6 9 | $\frac{3}{4}$ | 2 | 4 | 2 3 |

| Pa. | Ft. long | Side 21 $\frac{1}{2}$ | | | Ft. long | Pa. | Side 21 $\frac{3}{4}$ | | |
|---------------------|----------|-----------------------|-----|-----|---------------|-----|-----------------------|-----|-----|
| | | Ft. | In. | Pa. | | | Ft. | In. | Pa. |
| 7 | 1 | 3 | 2 | 6 | 1 | 3 | 3 | 5 | |
| 3 | 2 | 6 | 5 | 0 | 2 | 6 | 6 | 10 | |
| 10 | 3 | 9 | 7 | 6 | 3 | 9 | 10 | 3 | |
| 6 | 4 | 12 | 10 | 1 | 4 | 13 | 1 | 8 | |
| 1 | 5 | 16 | 0 | 7 | 5 | 16 | 5 | 1 | |
| 9 | 6 | 19 | 3 | 1 | 6 | 19 | 8 | 6 | |
| 4 | 7 | 22 | 5 | 7 | 7 | 22 | 11 | 11 | |
| 0 | 8 | 25 | 8 | 2 | 8 | 26 | 3 | 4 | |
| 8 | 9 | 28 | 10 | 8 | 9 | 29 | 6 | 9 | |
| 3 | 10 | 32 | 1 | 2 | 10 | 32 | 10 | 2 | |
| 11 | 11 | 35 | 3 | 8 | 11 | 36 | 1 | 7 | |
| 6 | 12 | 31 | 6 | 3 | 12 | 39 | 5 | 0 | |
| 2 | 13 | 41 | 8 | 9 | 13 | 42 | 8 | 5 | |
| 9 | 14 | 44 | 11 | 3 | 14 | 45 | 11 | 10 | |
| 5 | 15 | 48 | 1 | 9 | 15 | 49 | 3 | 3 | |
| 1 | 16 | 51 | 4 | 4 | 16 | 52 | 6 | 9 | |
| 8 | 17 | 54 | 6 | 10 | 17 | 55 | 10 | 2 | |
| 4 | 18 | 57 | 9 | 4 | 18 | 59 | 1 | 7 | |
| 11 | 19 | 60 | 11 | 10 | 19 | 62 | 5 | 0 | |
| 7 | 20 | 64 | 2 | 5 | 20 | 65 | 8 | 5 | |
| 2 | 21 | 67 | 4 | 11 | 21 | 68 | 11 | 10 | |
| 10 | 22 | 70 | 7 | 5 | 22 | 72 | 3 | 3 | |
| 5 | 23 | 73 | 9 | 11 | 23 | 75 | 6 | 8 | |
| 1 | 24 | 77 | 0 | 6 | 24 | 78 | 10 | 1 | |
| 9 | 25 | 80 | 3 | 0 | 25 | 82 | 1 | 6 | |
| 4 | 26 | 83 | 5 | 6 | 26 | 85 | 4 | 11 | |
| 0 | 27 | 86 | 8 | 0 | 27 | 88 | 8 | 4 | |
| 7 | 28 | 89 | 10 | 7 | 28 | 91 | 11 | 9 | |
| 3 | 29 | 93 | 1 | 1 | 29 | 95 | 3 | 2 | |
| 10 | 30 | 96 | 3 | 7 | 30 | 98 | 6 | 7 | |
| 6 | 31 | 99 | 6 | 1 | 31 | 101 | 10 | 0 | |
| 2 | 32 | 102 | 8 | 8 | 32 | 105 | 1 | 6 | |
| 9 | 33 | 105 | 11 | 2 | 33 | 108 | 4 | 11 | |
| 5 | 34 | 109 | 1 | 8 | 34 | 111 | 8 | 4 | |
| 0 | 35 | 112 | 4 | 2 | 35 | 114 | 11 | 9 | |
| 8 | 36 | 115 | 6 | 9 | 36 | 118 | 3 | 2 | |
| 3 | 37 | 118 | 9 | 3 | 37 | 121 | 6 | 7 | |
| 11 | 38 | 121 | 11 | 9 | 38 | 124 | 10 | 0 | |
| 6 | 39 | 125 | 2 | 3 | 39 | 128 | 1 | 5 | |
| 2 | 40 | 128 | 4 | 10 | 40 | 131 | 4 | 10 | |
| 10 | 41 | 131 | 7 | 4 | 41 | 134 | 8 | 3 | |
| 5 | 42 | 134 | 9 | 10 | 42 | 137 | 11 | 8 | |
| 1 | 43 | 138 | 0 | 4 | 43 | 141 | 3 | 1 | |
| 8 | 44 | 141 | 2 | 11 | 44 | 144 | 6 | 6 | |
| 4 | 45 | 144 | 5 | 5 | 45 | 147 | 9 | 11 | |
| Quarters of a Foot. | | | | | | | | | |
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| $\frac{1}{4}$ | 0 | 9 | 7 | 6 | $\frac{1}{4}$ | 0 | 9 | 10 | 3 |
| $\frac{1}{2}$ | 1 | 7 | 3 | 0 | $\frac{1}{2}$ | 1 | 7 | 8 | 6 |
| $\frac{3}{4}$ | 2 | 4 | 10 | 6 | $\frac{3}{4}$ | 2 | 5 | 6 | 9 |

| Ft. long | Side 22 Inch. | | | Ft. long | Side 22 $\frac{1}{4}$ | | |
|----------|---------------|-----|-----|----------|-----------------------|-----|-----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 3 | 4 | 4 | 1 | 3 | 5 | 3 |
| 2 | 6 | 8 | 8 | 2 | 6 | 10 | 6 |
| 3 | 10 | 1 | 0 | 3 | 10 | 3 | 9 |
| 4 | 13 | 5 | 4 | 4 | 13 | 9 | 2 |
| 5 | 16 | 9 | 8 | 5 | 17 | 2 | 3 |
| 6 | 20 | 2 | 0 | 6 | 20 | 7 | 6 |
| 7 | 23 | 6 | 4 | 7 | 24 | 0 | 9 |
| 8 | 26 | 10 | 8 | 8 | 27 | 6 | 0 |
| 9 | 30 | 3 | 0 | 9 | 30 | 11 | 3 |
| 10 | 33 | 7 | 4 | 10 | 34 | 4 | 6 |
| 11 | 36 | 11 | 8 | 11 | 37 | 9 | 9 |
| 12 | 40 | 4 | 0 | 12 | 41 | 3 | 0 |
| 13 | 43 | 8 | 4 | 13 | 44 | 8 | 3 |
| 14 | 47 | 0 | 8 | 14 | 48 | 1 | 6 |
| 15 | 50 | 5 | 0 | 15 | 51 | 6 | 9 |
| 16 | 53 | 9 | 4 | 16 | 55 | 0 | 1 |
| 17 | 57 | 1 | 8 | 17 | 58 | 5 | 4 |
| 18 | 60 | 6 | 0 | 18 | 61 | 10 | 7 |
| 19 | 63 | 10 | 4 | 19 | 65 | 3 | 10 |
| 20 | 67 | 2 | 8 | 20 | 68 | 9 | 1 |
| 21 | 70 | 7 | 0 | 21 | 72 | 2 | 4 |
| 22 | 73 | 11 | 4 | 22 | 75 | 7 | 7 |
| 23 | 77 | 3 | 8 | 23 | 79 | 0 | 10 |
| 24 | 80 | 8 | 0 | 24 | 82 | 6 | 1 |
| 25 | 84 | 0 | 4 | 25 | 85 | 11 | 4 |
| 26 | 87 | 4 | 8 | 26 | 89 | 4 | 7 |
| 27 | 90 | 9 | 0 | 27 | 92 | 9 | 10 |
| 28 | 94 | 1 | 4 | 28 | 96 | 3 | 1 |
| 29 | 97 | 5 | 8 | 29 | 99 | 8 | 4 |
| 30 | 100 | 10 | 0 | 30 | 103 | 1 | 7 |
| 31 | 104 | 2 | 4 | 31 | 106 | 6 | 10 |
| 32 | 107 | 6 | 8 | 32 | 110 | 0 | 2 |
| 33 | 110 | 11 | 0 | 33 | 113 | 5 | 5 |
| 34 | 114 | 3 | 4 | 34 | 116 | 10 | 8 |
| 35 | 117 | 7 | 8 | 35 | 120 | 3 | 11 |
| 36 | 121 | 0 | 0 | 36 | 123 | 9 | 2 |
| 37 | 124 | 4 | 4 | 37 | 127 | 2 | 5 |
| 38 | 127 | 8 | 8 | 38 | 130 | 7 | 8 |
| 39 | 131 | 1 | 0 | 39 | 134 | 0 | 11 |
| 40 | 134 | 5 | 4 | 40 | 137 | 6 | 2 |
| 41 | 137 | 9 | 8 | 41 | 140 | 11 | 5 |
| 42 | 141 | 2 | 0 | 42 | 144 | 4 | 8 |
| 43 | 144 | 6 | 4 | 43 | 147 | 9 | 11 |
| 44 | 147 | 10 | 8 | 44 | 151 | 3 | 2 |
| 45 | 151 | 3 | 0 | 45 | 154 | 8 | 5 |

Quarters of a Foot.

| | Ft. | In. | Pa. | S. |
|---------------|-----|-----|-----|----|
| $\frac{1}{4}$ | 0 | 10 | 1 | 0 |
| $\frac{1}{2}$ | 1 | 8 | 2 | 0 |
| $\frac{3}{4}$ | 2 | 6 | 3 | 0 |

Quarters of a Foot.

| | Ft. | In. | Pa. | S. |
|---------------|-----|-----|-----|----|
| $\frac{1}{4}$ | 0 | 10 | 3 | 9 |
| $\frac{1}{2}$ | 1 | 8 | 7 | 6 |
| $\frac{3}{4}$ | 2 | 6 | 11 | 3 |

| Ft. long. | Side 22 $\frac{1}{2}$ | | | Ft. long. | Side 22 $\frac{3}{4}$ | | |
|---------------------|-----------------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 3 | 6 | 2 | 1 | 3 | 7 | 1 |
| 2 | 7 | 0 | 4 | 2 | 7 | 2 | 3 |
| 3 | 10 | 6 | 6 | 3 | 10 | 9 | 4 |
| 4 | 14 | 0 | 9 | 4 | 14 | 4 | 6 |
| 5 | 17 | 6 | 11 | 5 | 17 | 11 | 7 |
| 6 | 21 | 1 | 1 | 6 | 21 | 6 | 9 |
| 7 | 24 | 7 | 3 | 7 | 25 | 1 | 10 |
| 8 | 28 | 1 | 6 | 8 | 28 | 9 | 0 |
| 9 | 31 | 7 | 8 | 9 | 32 | 4 | 2 |
| 10 | 35 | 1 | 10 | 10 | 35 | 11 | 3 |
| 11 | 38 | 8 | 0 | 11 | 39 | 6 | 5 |
| 12 | 42 | 2 | 3 | 12 | 43 | 1 | 6 |
| 13 | 45 | 8 | 5 | 13 | 46 | 8 | 8 |
| 14 | 49 | 2 | 7 | 14 | 50 | 3 | 9 |
| 15 | 52 | 8 | 9 | 15 | 53 | 10 | 11 |
| 16 | 56 | 3 | 0 | 16 | 57 | 6 | 1 |
| 17 | 59 | 9 | 2 | 17 | 61 | 1 | 2 |
| 18 | 63 | 3 | 4 | 18 | 64 | 8 | 4 |
| 19 | 66 | 9 | 6 | 19 | 68 | 3 | 5 |
| 20 | 70 | 3 | 9 | 20 | 71 | 10 | 7 |
| 21 | 73 | 9 | 11 | 21 | 75 | 5 | 8 |
| 22 | 77 | 4 | 1 | 22 | 79 | 0 | 10 |
| 23 | 80 | 10 | 3 | 23 | 82 | 7 | 11 |
| 24 | 84 | 4 | 6 | 24 | 86 | 3 | 1 |
| 25 | 87 | 10 | 8 | 25 | 89 | 10 | 3 |
| 26 | 91 | 4 | 10 | 26 | 93 | 5 | 4 |
| 27 | 94 | 11 | 0 | 27 | 97 | 0 | 6 |
| 28 | 98 | 5 | 3 | 28 | 100 | 7 | 7 |
| 29 | 101 | 11 | 5 | 29 | 104 | 2 | 9 |
| 30 | 105 | 5 | 7 | 30 | 107 | 9 | 10 |
| 31 | 108 | 11 | 9 | 31 | 111 | 5 | 0 |
| 32 | 112 | 6 | 0 | 32 | 115 | 0 | 2 |
| 33 | 116 | 0 | 2 | 33 | 118 | 7 | 3 |
| 34 | 119 | 6 | 4 | 34 | 122 | 2 | 5 |
| 35 | 123 | 0 | 6 | 35 | 125 | 9 | 6 |
| 36 | 126 | 6 | 9 | 36 | 129 | 4 | 8 |
| 37 | 130 | 0 | 11 | 37 | 132 | 11 | 9 |
| 38 | 133 | 7 | 1 | 38 | 136 | 6 | 11 |
| 39 | 137 | 1 | 3 | 39 | 140 | 2 | 0 |
| 40 | 140 | 7 | 6 | 40 | 143 | 9 | 2 |
| 41 | 144 | 1 | 8 | 41 | 147 | 4 | 4 |
| 42 | 147 | 7 | 10 | 42 | 150 | 11 | 5 |
| 43 | 151 | 2 | 0 | 43 | 154 | 6 | 7 |
| 44 | 154 | 8 | 3 | 44 | 158 | 1 | 8 |
| 45 | 158 | 2 | 5 | 45 | 161 | 8 | 10 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 0 | 10 | 6 6 | $\frac{1}{4}$ | 0 | 10 | 9 3 |
| $\frac{1}{2}$ | 1 | 9 | 1 0 | $\frac{1}{2}$ | 1 | 9 | 6 6 |
| $\frac{3}{4}$ | 2 | 7 | 7 6 | $\frac{3}{4}$ | 2 | 8 | 3 9 |

| Ft. long | Side 23 Inch. | | | Ft. long | Side 23 $\frac{1}{4}$ | | |
|----------|---------------|-----|-----|----------|-----------------------|-----|-----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 3 | 8 | 1 | 1 | 3 | 9 | 0 |
| 2 | 7 | 4 | 2 | 2 | 7 | 6 | 1 |
| 3 | 11 | 0 | 3 | 3 | 11 | 3 | 1 |
| 4 | 14 | 8 | 4 | 4 | 15 | 0 | 2 |
| 5 | 18 | 4 | 5 | 5 | 18 | 9 | 2 |
| 6 | 22 | 0 | 6 | 6 | 22 | 6 | 3 |
| 7 | 25 | 8 | 7 | 7 | 26 | 3 | 3 |
| 8 | 29 | 4 | 8 | 8 | 30 | 0 | 4 |
| 9 | 33 | 0 | 9 | 9 | 33 | 9 | 5 |
| 10 | 36 | 8 | 10 | 10 | 37 | 6 | 5 |
| 11 | 40 | 4 | 11 | 11 | 41 | 3 | 6 |
| 12 | 44 | 1 | 0 | 12 | 45 | 0 | 6 |
| 13 | 47 | 9 | 1 | 13 | 48 | 9 | 7 |
| 14 | 51 | 5 | 2 | 14 | 52 | 6 | 7 |
| 15 | 55 | 1 | 3 | 15 | 56 | 3 | 8 |
| 16 | 58 | 9 | 4 | 16 | 60 | 0 | 9 |
| 17 | 62 | 5 | 5 | 17 | 63 | 9 | 9 |
| 18 | 66 | 1 | 6 | 18 | 67 | 6 | 10 |
| 19 | 69 | 9 | 7 | 19 | 71 | 3 | 10 |
| 20 | 73 | 5 | 8 | 20 | 75 | 0 | 11 |
| 21 | 77 | 1 | 9 | 21 | 78 | 9 | 11 |
| 22 | 80 | 9 | 10 | 22 | 82 | 7 | 0 |
| 23 | 84 | 5 | 11 | 23 | 86 | 4 | 0 |
| 24 | 88 | 2 | 0 | 24 | 90 | 1 | 1 |
| 25 | 91 | 10 | 1 | 25 | 93 | 10 | 2 |
| 26 | 95 | 6 | 2 | 26 | 97 | 7 | 2 |
| 27 | 99 | 2 | 3 | 27 | 101 | 4 | 3 |
| 28 | 102 | 10 | 4 | 28 | 105 | 1 | 3 |
| 29 | 106 | 6 | 5 | 29 | 108 | 10 | 4 |
| 30 | 110 | 2 | 6 | 30 | 112 | 7 | 4 |
| 31 | 113 | 10 | 7 | 31 | 116 | 4 | 5 |
| 32 | 117 | 6 | 8 | 32 | 120 | 1 | 6 |
| 33 | 121 | 2 | 9 | 33 | 123 | 10 | 6 |
| 34 | 124 | 10 | 10 | 34 | 127 | 7 | 7 |
| 35 | 128 | 6 | 11 | 35 | 131 | 4 | 7 |
| 36 | 132 | 3 | 0 | 36 | 135 | 1 | 8 |
| 37 | 135 | 11 | 1 | 37 | 138 | 10 | 8 |
| 38 | 139 | 7 | 2 | 38 | 142 | 7 | 9 |
| 39 | 143 | 3 | 3 | 39 | 146 | 4 | 9 |
| 40 | 146 | 11 | 4 | 40 | 150 | 1 | 10 |
| 41 | 150 | 7 | 5 | 41 | 153 | 10 | 11 |
| 42 | 154 | 3 | 6 | 42 | 157 | 7 | 11 |
| 43 | 157 | 11 | 7 | 43 | 161 | 5 | 0 |
| 44 | 161 | 7 | 8 | 44 | 165 | 2 | 0 |
| 45 | 165 | 3 | 9 | 45 | 168 | 11 | 1 |

| Quarters of a Foot. | | | | | Quarters of a Foot. | | | | |
|---------------------|-----|-----|-----|----|---------------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| $\frac{1}{4}$ | 0 | 11 | 0 | 3 | $\frac{1}{4}$ | 0 | 11 | 3 | 0 |
| $\frac{1}{2}$ | 1 | 10 | 0 | 6 | $\frac{1}{2}$ | 1 | 10 | 6 | 0 |
| $\frac{3}{4}$ | 2 | 9 | 0 | 9 | $\frac{3}{4}$ | 2 | 9 | 9 | 0 |

| Pa. | Ft. long | Side 23 $\frac{1}{2}$ | | | Pa. | Ft. long | Side 23 $\frac{3}{4}$ | | | Pa. |
|---------------------|---------------|-----------------------|-----|--------|---------------|----------|-----------------------|--------|-----|-----|
| | | Ft. | In. | Pa. | | | Ft. | In. | Pa. | |
| 0 | 1 | 3 | 10 | 0 | 1 | 3 | 11 | 0 | 0 | |
| 1 | 2 | 7 | 8 | 0 | 2 | 7 | 10 | 0 | 0 | |
| 1 | 3 | 11 | 6 | 0 | 3 | 11 | 9 | 0 | 0 | |
| 2 | 4 | 15 | 4 | 1 | 4 | 15 | 8 | 0 | 0 | |
| 2 | 5 | 19 | 2 | 1 | 5 | 19 | 7 | 0 | 0 | |
| 3 | 6 | 23 | 0 | 1 | 6 | 23 | 6 | 0 | 0 | |
| 3 | 7 | 26 | 10 | 1 | 7 | 27 | 5 | 0 | 0 | |
| 4 | 8 | 30 | 8 | 2 | 8 | 31 | 4 | 0 | 0 | |
| 5 | 9 | 34 | 6 | 2 | 9 | 35 | 3 | 0 | 0 | |
| 5 | 10 | 38 | 4 | 2 | 10 | 39 | 2 | 0 | 0 | |
| 6 | 11 | 42 | 2 | 2 | 11 | 43 | 1 | 0 | 0 | |
| 6 | 12 | 46 | 0 | 3 | 12 | 47 | 0 | 0 | 0 | |
| 7 | 13 | 49 | 10 | 3 | 13 | 50 | 11 | 0 | 0 | |
| 7 | 14 | 53 | 8 | 3 | 14 | 54 | 10 | 0 | 0 | |
| 8 | 15 | 57 | 6 | 3 | 15 | 58 | 9 | 0 | 0 | |
| 9 | 16 | 61 | 4 | 4 | 16 | 62 | 8 | 1 | 1 | |
| 9 | 17 | 65 | 2 | 4 | 17 | 66 | 7 | 1 | 1 | |
| 10 | 18 | 69 | 0 | 4 | 18 | 70 | 6 | 1 | 1 | |
| 10 | 19 | 72 | 10 | 4 | 19 | 74 | 5 | 1 | 1 | |
| 11 | 20 | 76 | 8 | 5 | 20 | 78 | 4 | 1 | 1 | |
| 11 | 21 | 80 | 6 | 5 | 21 | 82 | 3 | 1 | 1 | |
| 0 | 22 | 84 | 4 | 5 | 22 | 86 | 2 | 1 | 1 | |
| 0 | 23 | 88 | 2 | 5 | 23 | 90 | 1 | 1 | 1 | |
| 1 | 24 | 92 | 0 | 6 | 24 | 94 | 0 | 1 | 1 | |
| 2 | 25 | 95 | 10 | 6 | 25 | 97 | 11 | 1 | 1 | |
| 2 | 26 | 99 | 8 | 6 | 26 | 101 | 10 | 1 | 1 | |
| 3 | 27 | 103 | 6 | 6 | 27 | 105 | 9 | 1 | 1 | |
| 3 | 28 | 107 | 4 | 7 | 28 | 109 | 8 | 1 | 1 | |
| 4 | 29 | 111 | 2 | 7 | 29 | 113 | 7 | 1 | 1 | |
| 4 | 30 | 115 | 0 | 7 | 30 | 117 | 6 | 1 | 1 | |
| 5 | 31 | 118 | 10 | 7 | 31 | 121 | 5 | 1 | 1 | |
| 6 | 32 | 122 | 8 | 8 | 32 | 125 | 4 | 2 | 2 | |
| 6 | 33 | 126 | 6 | 8 | 33 | 129 | 3 | 2 | 2 | |
| 7 | 34 | 130 | 4 | 8 | 34 | 133 | 2 | 2 | 2 | |
| 7 | 35 | 134 | 2 | 8 | 35 | 137 | 1 | 2 | 2 | |
| 8 | 36 | 138 | 0 | 9 | 36 | 141 | 0 | 2 | 2 | |
| 9 | 37 | 141 | 10 | 9 | 37 | 144 | 11 | 2 | 2 | |
| 9 | 38 | 145 | 8 | 9 | 38 | 148 | 10 | 2 | 2 | |
| 10 | 39 | 149 | 6 | 9 | 39 | 152 | 9 | 2 | 2 | |
| 11 | 40 | 153 | 4 | 10 | 40 | 156 | 8 | 2 | 2 | |
| 11 | 41 | 157 | 2 | 10 | 41 | 160 | 7 | 2 | 2 | |
| 0 | 42 | 161 | 0 | 10 | 42 | 164 | 6 | 2 | 2 | |
| 0 | 43 | 164 | 10 | 10 | 43 | 168 | 5 | 2 | 2 | |
| 1 | 44 | 168 | 8 | 11 | 44 | 172 | 4 | 2 | 2 | |
| | 45 | 172 | 6 | 11 | 45 | 176 | 3 | 2 | 2 | |
| Foot. | | | | | | | | | | |
| Quarters of a Foot. | | | | | | | | | | |
| Pa. S. | | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. | | |
| 3 0 | $\frac{1}{4}$ | 0 | 11 | 6 0 | $\frac{1}{4}$ | 0 | 11 | 9 0 | | |
| 6 0 | $\frac{1}{2}$ | 1 | 11 | 0 0 | $\frac{1}{2}$ | 1 | 11 | 6 0 | | |
| 9 0 | $\frac{3}{4}$ | 2 | 10 | 6 0 | $\frac{3}{4}$ | 2 | 11 | 3 0 | | |

| Ft. long | Side 24 inch. | | | Ft. long | Side 24 $\frac{1}{4}$ | | |
|----------|---------------|-----|-----|----------|-----------------------|-----|-----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 4 | 0 | 0 | 1 | 4 | 1 | 0 |
| 2 | 8 | 0 | 0 | 2 | 8 | 2 | 0 |
| 3 | 12 | 0 | 0 | 3 | 12 | 3 | 0 |
| 4 | 16 | 0 | 0 | 4 | 16 | 4 | 0 |
| 5 | 20 | 0 | 0 | 5 | 20 | 5 | 0 |
| 6 | 24 | 0 | 0 | 6 | 24 | 6 | 0 |
| 7 | 28 | 0 | 0 | 7 | 28 | 7 | 0 |
| 8 | 32 | 0 | 0 | 8 | 32 | 8 | 0 |
| 9 | 36 | 0 | 0 | 9 | 36 | 9 | 0 |
| 10 | 40 | 0 | 0 | 10 | 40 | 10 | 0 |
| 11 | 44 | 0 | 0 | 11 | 44 | 11 | 0 |
| 12 | 48 | 0 | 0 | 12 | 49 | 0 | 0 |
| 13 | 52 | 0 | 0 | 13 | 53 | 1 | 0 |
| 14 | 56 | 0 | 0 | 14 | 57 | 2 | 0 |
| 15 | 60 | 0 | 0 | 15 | 61 | 3 | 0 |
| 16 | 64 | 0 | 0 | 16 | 65 | 4 | 1 |
| 17 | 68 | 0 | 0 | 17 | 69 | 5 | 1 |
| 18 | 72 | 0 | 0 | 18 | 73 | 6 | 1 |
| 19 | 76 | 0 | 0 | 19 | 77 | 7 | 1 |
| 20 | 80 | 0 | 0 | 20 | 81 | 8 | 1 |
| 21 | 84 | 0 | 0 | 21 | 85 | 9 | 1 |
| 22 | 88 | 0 | 0 | 22 | 89 | 10 | 1 |
| 23 | 92 | 0 | 0 | 23 | 93 | 11 | 1 |
| 24 | 96 | 0 | 0 | 24 | 98 | 0 | 1 |
| 25 | 100 | 0 | 0 | 25 | 102 | 1 | 1 |
| 26 | 104 | 0 | 0 | 26 | 106 | 2 | 1 |
| 27 | 108 | 0 | 0 | 27 | 110 | 3 | 1 |
| 28 | 112 | 0 | 0 | 28 | 114 | 4 | 1 |
| 29 | 116 | 0 | 0 | 29 | 118 | 5 | 1 |
| 30 | 120 | 0 | 0 | 30 | 122 | 6 | 1 |
| 31 | 124 | 0 | 0 | 31 | 126 | 7 | 1 |
| 32 | 128 | 0 | 0 | 32 | 130 | 8 | 2 |
| 33 | 132 | 0 | 0 | 33 | 134 | 9 | 2 |
| 34 | 136 | 0 | 0 | 34 | 138 | 10 | 2 |
| 35 | 140 | 0 | 0 | 35 | 142 | 11 | 2 |
| 36 | 144 | 0 | 0 | 36 | 147 | 0 | 2 |
| 37 | 148 | 0 | 0 | 37 | 151 | 1 | 2 |
| 38 | 152 | 0 | 0 | 38 | 155 | 2 | 2 |
| 39 | 156 | 0 | 0 | 39 | 159 | 3 | 2 |
| 40 | 160 | 0 | 0 | 40 | 163 | 4 | 2 |
| 41 | 164 | 0 | 0 | 41 | 167 | 5 | 2 |
| 42 | 168 | 0 | 0 | 42 | 171 | 6 | 2 |
| 43 | 172 | 0 | 0 | 43 | 175 | 7 | 2 |
| 44 | 176 | 0 | 0 | 44 | 179 | 8 | 2 |
| 45 | 180 | 0 | 0 | 45 | 183 | 9 | 2 |

| Quarters of a Foot. | | | | | Quarters of a Foot. | | | | |
|---------------------|-----|-----|-----|----|---------------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| $\frac{1}{4}$ | 1 | 0 | 0 | 0 | $\frac{1}{4}$ | 1 | 0 | 3 | 0 |
| $\frac{1}{2}$ | 2 | 0 | 0 | 0 | $\frac{1}{2}$ | 2 | 0 | 6 | 0 |
| $\frac{3}{4}$ | 3 | 0 | 0 | 0 | $\frac{3}{4}$ | 3 | 0 | 9 | 0 |

| Ft. long | Side 24 $\frac{1}{2}$ | | | Ft. long | Side 24 $\frac{1}{2}$ | | |
|---------------------|-----------------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 4 | 2 | 0 | 1 | 4 | 3 | 0 |
| 2 | 8 | 4 | 0 | 2 | 8 | 6 | 1 |
| 3 | 12 | 6 | 0 | 3 | 12 | 9 | 1 |
| 4 | 16 | 8 | 1 | 4 | 17 | 0 | 2 |
| 5 | 20 | 10 | 1 | 5 | 21 | 3 | 2 |
| 6 | 25 | 0 | 1 | 6 | 25 | 6 | 3 |
| 7 | 29 | 2 | 1 | 7 | 29 | 9 | 3 |
| 8 | 33 | 4 | 2 | 8 | 34 | 0 | 4 |
| 9 | 37 | 6 | 2 | 9 | 38 | 3 | 5 |
| 10 | 41 | 8 | 2 | 10 | 42 | 6 | 5 |
| 11 | 45 | 10 | 2 | 11 | 46 | 9 | 6 |
| 12 | 50 | 0 | 3 | 12 | 51 | 0 | 6 |
| 13 | 54 | 2 | 3 | 13 | 55 | 3 | 7 |
| 14 | 58 | 4 | 3 | 14 | 59 | 6 | 7 |
| 15 | 62 | 6 | 3 | 15 | 63 | 9 | 8 |
| 16 | 66 | 8 | 4 | 16 | 68 | 0 | 9 |
| 17 | 70 | 10 | 4 | 17 | 72 | 3 | 9 |
| 18 | 75 | 0 | 4 | 18 | 76 | 6 | 10 |
| 19 | 79 | 2 | 4 | 19 | 80 | 9 | 10 |
| 20 | 83 | 4 | 5 | 20 | 85 | 0 | 11 |
| 21 | 87 | 6 | 5 | 21 | 89 | 3 | 11 |
| 22 | 91 | 8 | 5 | 22 | 93 | 7 | 0 |
| 23 | 95 | 10 | 5 | 23 | 97 | 10 | 0 |
| 24 | 100 | 0 | 6 | 24 | 102 | 1 | 1 |
| 25 | 104 | 2 | 6 | 25 | 106 | 4 | 2 |
| 26 | 108 | 4 | 6 | 26 | 110 | 7 | 2 |
| 27 | 112 | 6 | 6 | 27 | 114 | 10 | 3 |
| 28 | 116 | 8 | 7 | 28 | 119 | 1 | 3 |
| 29 | 120 | 10 | 7 | 29 | 123 | 4 | 4 |
| 30 | 125 | 0 | 7 | 30 | 127 | 7 | 4 |
| 31 | 129 | 2 | 7 | 31 | 131 | 10 | 5 |
| 32 | 133 | 4 | 8 | 32 | 136 | 1 | 6 |
| 33 | 137 | 6 | 8 | 33 | 140 | 4 | 6 |
| 34 | 141 | 8 | 8 | 34 | 144 | 7 | 7 |
| 35 | 145 | 10 | 8 | 35 | 148 | 10 | 7 |
| 36 | 150 | 0 | 9 | 36 | 153 | 1 | 8 |
| 37 | 154 | 2 | 9 | 37 | 157 | 4 | 8 |
| 38 | 158 | 4 | 9 | 38 | 161 | 7 | 9 |
| 39 | 162 | 6 | 9 | 39 | 165 | 10 | 9 |
| 40 | 166 | 8 | 10 | 40 | 170 | 1 | 10 |
| 41 | 170 | 10 | 10 | 41 | 174 | 4 | 11 |
| 42 | 175 | 0 | 10 | 42 | 178 | 7 | 11 |
| 43 | 179 | 2 | 10 | 43 | 182 | 11 | 0 |
| 44 | 183 | 4 | 11 | 44 | 187 | 2 | 0 |
| 45 | 187 | 6 | 11 | 45 | 191 | 5 | 1 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 1 | 0 | 6 0 | $\frac{1}{4}$ | 1 | 0 | 9 0 |
| $\frac{1}{2}$ | 2 | 1 | 0 0 | $\frac{1}{2}$ | 2 | 1 | 6 0 |
| $\frac{3}{4}$ | 3 | 1 | 6 0 | $\frac{3}{4}$ | 3 | 2 | 3 0 |

| Ft. long | Side 25 Inch. | | | Ft. long | Side 25 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 4 | 4 | 1 | 1 | 4 | 5 | 1 |
| 2 | 8 | 8 | 2 | 2 | 8 | 10 | 3 |
| 3 | 13 | 0 | 3 | 3 | 13 | 3 | 4 |
| 4 | 17 | 4 | 4 | 4 | 17 | 8 | 6 |
| 5 | 21 | 8 | 5 | 5 | 22 | 1 | 7 |
| 6 | 26 | 0 | 6 | 6 | 26 | 6 | 9 |
| 7 | 30 | 4 | 7 | 7 | 30 | 11 | 10 |
| 8 | 34 | 8 | 8 | 8 | 35 | 5 | 0 |
| 9 | 39 | 0 | 9 | 9 | 39 | 10 | 2 |
| 10 | 43 | 4 | 10 | 10 | 44 | 3 | 3 |
| 11 | 47 | 8 | 11 | 11 | 48 | 8 | 5 |
| 12 | 52 | 1 | 0 | 12 | 53 | 1 | 6 |
| 13 | 56 | 5 | 1 | 13 | 57 | 6 | 8 |
| 14 | 60 | 9 | 2 | 14 | 61 | 11 | 9 |
| 15 | 65 | 1 | 3 | 15 | 66 | 4 | 11 |
| 16 | 69 | 5 | 4 | 16 | 70 | 10 | 1 |
| 17 | 73 | 9 | 5 | 17 | 75 | 3 | 2 |
| 18 | 78 | 1 | 6 | 18 | 79 | 8 | 4 |
| 19 | 82 | 5 | 7 | 19 | 84 | 1 | 5 |
| 20 | 86 | 9 | 8 | 20 | 88 | 6 | 7 |
| 21 | 91 | 1 | 9 | 21 | 92 | 11 | 8 |
| 22 | 95 | 5 | 10 | 22 | 97 | 4 | 10 |
| 23 | 99 | 9 | 11 | 23 | 101 | 9 | 11 |
| 24 | 104 | 2 | 0 | 24 | 106 | 3 | 1 |
| 25 | 108 | 6 | 1 | 25 | 110 | 8 | 3 |
| 26 | 112 | 10 | 2 | 26 | 115 | 1 | 4 |
| 27 | 117 | 2 | 3 | 27 | 119 | 6 | 6 |
| 28 | 121 | 6 | 4 | 28 | 123 | 11 | 7 |
| 29 | 125 | 10 | 5 | 29 | 128 | 4 | 9 |
| 30 | 130 | 2 | 6 | 30 | 132 | 9 | 10 |
| 31 | 134 | 6 | 7 | 31 | 137 | 3 | 0 |
| 32 | 138 | 10 | 8 | 32 | 141 | 8 | 2 |
| 33 | 143 | 2 | 9 | 33 | 146 | 1 | 3 |
| 34 | 147 | 6 | 10 | 34 | 150 | 6 | 5 |
| 35 | 151 | 10 | 11 | 35 | 154 | 11 | 6 |
| 36 | 156 | 3 | 0 | 36 | 159 | 4 | 8 |
| 37 | 160 | 7 | 1 | 37 | 163 | 9 | 9 |
| 38 | 164 | 11 | 2 | 38 | 168 | 2 | 11 |
| 39 | 169 | 3 | 3 | 39 | 172 | 8 | 0 |
| 40 | 173 | 7 | 4 | 40 | 177 | 1 | 2 |
| 41 | 177 | 11 | 5 | 41 | 181 | 6 | 4 |
| 42 | 182 | 3 | 6 | 42 | 185 | 11 | 5 |
| 43 | 186 | 7 | 7 | 43 | 190 | 4 | 7 |
| 44 | 190 | 11 | 8 | 44 | 194 | 9 | 8 |
| 45 | 195 | 3 | 9 | 45 | 199 | 2 | 10 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 1 | 1 | 0 3 | $\frac{1}{4}$ | 1 | 1 | 3 3 |
| $\frac{1}{2}$ | 2 | 2 | 0 6 | $\frac{1}{2}$ | 2 | 2 | 6 6 |
| $\frac{3}{4}$ | 3 | 3 | 0 9 | $\frac{3}{4}$ | 3 | 3 | 9 9 |

| Ft. long | Side 25 $\frac{1}{4}$ | | | Ft. long | Side 25 $\frac{1}{4}$ | | |
|---------------------|-----------------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 4 | 6 | 2 | 1 | 4 | 7 | 3 |
| 2 | 9 | 0 | 4 | 2 | 9 | 2 | 6 |
| 3 | 13 | 6 | 6 | 3 | 13 | 9 | 9 |
| 4 | 18 | 0 | 9 | 4 | 18 | 5 | 0 |
| 5 | 22 | 6 | 11 | 5 | 23 | 0 | 3 |
| 6 | 27 | 1 | 1 | 6 | 27 | 7 | 6 |
| 7 | 31 | 7 | 3 | 7 | 32 | 2 | 9 |
| 8 | 36 | 1 | 6 | 8 | 36 | 10 | 0 |
| 9 | 40 | 7 | 8 | 9 | 41 | 5 | 3 |
| 10 | 45 | 1 | 10 | 10 | 46 | 0 | 6 |
| 11 | 49 | 8 | 0 | 11 | 50 | 7 | 9 |
| 12 | 54 | 2 | 3 | 12 | 55 | 3 | 0 |
| 13 | 58 | 8 | 5 | 13 | 59 | 10 | 3 |
| 14 | 63 | 2 | 7 | 14 | 64 | 5 | 6 |
| 15 | 67 | 8 | 9 | 15 | 69 | 0 | 9 |
| 16 | 72 | 3 | 0 | 16 | 73 | 8 | 1 |
| 17 | 76 | 9 | 2 | 17 | 78 | 3 | 4 |
| 18 | 81 | 3 | 4 | 18 | 82 | 10 | 7 |
| 19 | 85 | 9 | 6 | 19 | 87 | 5 | 10 |
| 20 | 90 | 3 | 9 | 20 | 92 | 1 | 1 |
| 21 | 94 | 9 | 11 | 21 | 96 | 8 | 4 |
| 22 | 99 | 4 | 1 | 22 | 101 | 3 | 7 |
| 23 | 103 | 10 | 3 | 23 | 105 | 10 | 10 |
| 24 | 108 | 4 | 6 | 24 | 110 | 6 | 1 |
| 25 | 112 | 10 | 8 | 25 | 115 | 1 | 4 |
| 26 | 117 | 4 | 10 | 26 | 119 | 8 | 7 |
| 27 | 121 | 11 | 0 | 27 | 124 | 3 | 10 |
| 28 | 126 | 5 | 3 | 28 | 128 | 11 | 1 |
| 29 | 130 | 11 | 5 | 29 | 133 | 6 | 4 |
| 30 | 135 | 5 | 7 | 30 | 138 | 1 | 7 |
| 31 | 139 | 11 | 9 | 31 | 142 | 8 | 10 |
| 32 | 144 | 6 | 0 | 32 | 147 | 4 | 2 |
| 33 | 149 | 0 | 2 | 33 | 151 | 11 | 5 |
| 34 | 153 | 6 | 4 | 34 | 156 | 6 | 8 |
| 35 | 158 | 0 | 6 | 35 | 161 | 1 | 11 |
| 36 | 162 | 6 | 9 | 36 | 165 | 9 | 2 |
| 37 | 167 | 0 | 11 | 37 | 170 | 4 | 5 |
| 38 | 171 | 7 | 1 | 38 | 174 | 11 | 8 |
| 39 | 176 | 1 | 3 | 39 | 179 | 6 | 11 |
| 40 | 180 | 7 | 6 | 40 | 184 | 2 | 2 |
| 41 | 185 | 1 | 8 | 41 | 188 | 9 | 5 |
| 42 | 189 | 7 | 10 | 42 | 193 | 4 | 8 |
| 43 | 194 | 2 | 0 | 43 | 197 | 11 | 11 |
| 44 | 198 | 8 | 3 | 44 | 202 | 7 | 2 |
| 45 | 203 | 2 | 5 | 45 | 207 | 2 | 5 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 1 | 1 | 6 6 | $\frac{1}{4}$ | 1 | 1 | 9 9 |
| $\frac{1}{2}$ | 2 | 3 | 1 0 | $\frac{1}{2}$ | 2 | 3 | 7 6 |
| $\frac{3}{4}$ | 3 | 4 | 7 6 | $\frac{3}{4}$ | 3 | 5 | 5 3 |

| Ft. long | Side 26 Inch. | | | Ft. long | Side 26 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 4 | 8 | 4 | 1 | 4 | 9 | 5 |
| 2 | 9 | 4 | 8 | 2 | 9 | 6 | 10 |
| 3 | 14 | 1 | 0 | 3 | 14 | 4 | 3 |
| 4 | 18 | 9 | 4 | 4 | 19 | 1 | 8 |
| 5 | 23 | 5 | 8 | 5 | 23 | 11 | 1 |
| 6 | 28 | 2 | 0 | 6 | 28 | 8 | 6 |
| 7 | 32 | 10 | 4 | 7 | 33 | 5 | 11 |
| 8 | 37 | 6 | 8 | 8 | 38 | 3 | 4 |
| 9 | 42 | 3 | 0 | 9 | 43 | 0 | 9 |
| 10 | 46 | 11 | 4 | 10 | 47 | 10 | 2 |
| 11 | 51 | 7 | 8 | 11 | 52 | 7 | 7 |
| 12 | 56 | 4 | 0 | 12 | 57 | 5 | 0 |
| 13 | 61 | 0 | 4 | 13 | 62 | 2 | 5 |
| 14 | 65 | 8 | 8 | 14 | 66 | 11 | 10 |
| 15 | 70 | 5 | 0 | 15 | 71 | 9 | 3 |
| 16 | 75 | 1 | 4 | 16 | 76 | 6 | 9 |
| 17 | 79 | 9 | 8 | 17 | 81 | 4 | 2 |
| 18 | 84 | 6 | 0 | 18 | 86 | 1 | 7 |
| 19 | 89 | 2 | 4 | 19 | 90 | 11 | 0 |
| 20 | 93 | 10 | 8 | 20 | 95 | 8 | 5 |
| 21 | 98 | 7 | 0 | 21 | 100 | 5 | 10 |
| 22 | 103 | 3 | 4 | 22 | 105 | 3 | 3 |
| 23 | 107 | 11 | 8 | 23 | 110 | 0 | 8 |
| 24 | 112 | 8 | 0 | 24 | 114 | 10 | 1 |
| 25 | 117 | 4 | 4 | 25 | 119 | 7 | 6 |
| 26 | 122 | 0 | 8 | 26 | 124 | 4 | 11 |
| 27 | 126 | 9 | 0 | 27 | 129 | 2 | 4 |
| 28 | 131 | 5 | 4 | 28 | 133 | 11 | 9 |
| 29 | 136 | 1 | 8 | 29 | 138 | 9 | 2 |
| 30 | 140 | 10 | 0 | 30 | 143 | 6 | 7 |
| 31 | 145 | 6 | 4 | 31 | 148 | 4 | 0 |
| 32 | 150 | 2 | 8 | 32 | 153 | 1 | 6 |
| 33 | 154 | 11 | 0 | 33 | 157 | 10 | 11 |
| 34 | 159 | 7 | 4 | 34 | 162 | 8 | 4 |
| 35 | 164 | 3 | 8 | 35 | 167 | 5 | 9 |
| 36 | 169 | 0 | 0 | 36 | 172 | 3 | 2 |
| 37 | 173 | 8 | 4 | 37 | 177 | 0 | 7 |
| 38 | 178 | 4 | 8 | 38 | 181 | 10 | 0 |
| 39 | 183 | 1 | 0 | 39 | 186 | 7 | 5 |
| 40 | 187 | 9 | 4 | 40 | 191 | 4 | 10 |
| 41 | 192 | 5 | 8 | 41 | 196 | 2 | 3 |
| 42 | 197 | 2 | 0 | 42 | 200 | 11 | 8 |
| 43 | 201 | 10 | 4 | 43 | 205 | 9 | 1 |
| 44 | 206 | 6 | 8 | 44 | 210 | 6 | 6 |
| 45 | 211 | 3 | 0 | 45 | 215 | 3 | 11 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 1 | 2 | 1 0 | $\frac{1}{4}$ | 1 | 2 | 4 3 |
| $\frac{1}{2}$ | 2 | 4 | 2 0 | $\frac{1}{2}$ | 2 | 4 | 8 6 |
| $\frac{3}{4}$ | 3 | 6 | 3 0 | $\frac{3}{4}$ | 3 | 7 | 0 9 |

| Ft. long | Side 26 $\frac{1}{2}$ | | | Ft. long | Side 26 $\frac{3}{4}$ | | |
|---------------------|-----------------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 4 | 10 | 6 | 1 | 4 | 11 | 7 |
| 2 | 9 | 9 | 0 | 2 | 9 | 11 | 3 |
| 3 | 14 | 7 | 6 | 3 | 14 | 10 | 10 |
| 4 | 19 | 6 | 1 | 4 | 19 | 10 | 6 |
| 5 | 24 | 4 | 7 | 5 | 24 | 10 | 1 |
| 6 | 29 | 3 | 1 | 6 | 29 | 9 | 9 |
| 7 | 34 | 1 | 7 | 7 | 34 | 9 | 4 |
| 8 | 39 | 0 | 2 | 8 | 39 | 9 | 0 |
| 9 | 43 | 10 | 8 | 9 | 44 | 8 | 8 |
| 10 | 48 | 9 | 2 | 10 | 49 | 8 | 3 |
| 11 | 53 | 7 | 8 | 11 | 54 | 7 | 11 |
| 12 | 58 | 6 | 3 | 12 | 59 | 7 | 6 |
| 13 | 63 | 4 | 9 | 13 | 64 | 7 | 2 |
| 14 | 68 | 3 | 3 | 14 | 69 | 6 | 9 |
| 15 | 73 | 1 | 9 | 15 | 74 | 6 | 5 |
| 16 | 78 | 0 | 4 | 16 | 79 | 6 | 1 |
| 17 | 82 | 10 | 10 | 17 | 84 | 5 | 8 |
| 18 | 87 | 9 | 4 | 18 | 89 | 5 | 4 |
| 19 | 92 | 7 | 10 | 19 | 94 | 4 | 11 |
| 20 | 97 | 6 | 5 | 20 | 99 | 4 | 7 |
| 21 | 102 | 4 | 11 | 21 | 104 | 4 | 2 |
| 22 | 107 | 3 | 5 | 22 | 109 | 3 | 10 |
| 23 | 112 | 1 | 11 | 23 | 114 | 3 | 5 |
| 24 | 117 | 0 | 6 | 24 | 119 | 3 | 1 |
| 25 | 121 | 11 | 0 | 25 | 124 | 2 | 9 |
| 26 | 126 | 9 | 6 | 26 | 129 | 2 | 4 |
| 27 | 131 | 8 | 0 | 27 | 134 | 2 | 0 |
| 28 | 136 | 6 | 7 | 28 | 139 | 1 | 7 |
| 29 | 141 | 5 | 1 | 29 | 144 | 1 | 3 |
| 30 | 146 | 3 | 7 | 30 | 149 | 0 | 10 |
| 31 | 151 | 2 | 1 | 31 | 153 | 11 | 6 |
| 32 | 156 | 0 | 8 | 32 | 158 | 11 | 2 |
| 33 | 160 | 11 | 2 | 33 | 163 | 10 | 9 |
| 34 | 165 | 9 | 8 | 34 | 168 | 10 | 5 |
| 35 | 170 | 8 | 2 | 35 | 173 | 10 | 0 |
| 36 | 175 | 6 | 9 | 36 | 178 | 10 | 8 |
| 37 | 180 | 5 | 3 | 37 | 183 | 10 | 3 |
| 38 | 185 | 3 | 9 | 38 | 188 | 9 | 11 |
| 39 | 190 | 2 | 3 | 39 | 193 | 9 | 6 |
| 40 | 195 | 0 | 10 | 40 | 198 | 9 | 2 |
| 41 | 199 | 11 | 4 | 41 | 203 | 8 | 10 |
| 42 | 204 | 9 | 10 | 42 | 208 | 8 | 5 |
| 43 | 209 | 8 | 4 | 43 | 213 | 8 | 1 |
| 44 | 214 | 6 | 11 | 44 | 218 | 7 | 8 |
| 45 | 219 | 5 | 5 | 45 | 223 | 7 | 4 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 1 | 2 | 7 6 | $\frac{1}{4}$ | 1 | 2 | 10 9 |
| $\frac{1}{2}$ | 2 | 5 | 3 0 | $\frac{1}{2}$ | 2 | 5 | 9 6 |
| $\frac{3}{4}$ | 3 | 7 | 10 6 | $\frac{3}{4}$ | 3 | 8 | 8 3 |

| Ft. long | Side 27 Inch. | | | Ft. long | Side 27 $\frac{1}{4}$ | | |
|----------|---------------|-----|-----|----------|-----------------------|-----|-----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 5 | 0 | 9 | 1 | 5 | 1 | 10 |
| 2 | 10 | 1 | 6 | 2 | 10 | 3 | 9 |
| 3 | 15 | 2 | 3 | 3 | 15 | 5 | 7 |
| 4 | 20 | 3 | 0 | 4 | 20 | 7 | 6 |
| 5 | 25 | 3 | 9 | 5 | 25 | 9 | 4 |
| 6 | 30 | 4 | 6 | 6 | 30 | 11 | 3 |
| 7 | 35 | 5 | 3 | 7 | 36 | 1 | 1 |
| 8 | 40 | 6 | 0 | 8 | 41 | 3 | 0 |
| 9 | 45 | 6 | 9 | 9 | 46 | 4 | 11 |
| 10 | 50 | 7 | 6 | 10 | 51 | 6 | 9 |
| 11 | 55 | 8 | 3 | 11 | 56 | 8 | 8 |
| 12 | 60 | 9 | 0 | 12 | 61 | 10 | 6 |
| 13 | 65 | 9 | 9 | 13 | 67 | 0 | 5 |
| 14 | 70 | 10 | 6 | 14 | 72 | 2 | 3 |
| 15 | 75 | 11 | 3 | 15 | 77 | 4 | 2 |
| 16 | 81 | 0 | 0 | 16 | 82 | 6 | 1 |
| 17 | 86 | 0 | 9 | 17 | 87 | 7 | 11 |
| 18 | 91 | 1 | 6 | 18 | 92 | 9 | 10 |
| 19 | 96 | 2 | 3 | 19 | 97 | 11 | 8 |
| 20 | 101 | 3 | 0 | 20 | 103 | 1 | 7 |
| 21 | 106 | 3 | 9 | 21 | 108 | 3 | 5 |
| 22 | 111 | 4 | 6 | 22 | 113 | 5 | 4 |
| 23 | 116 | 5 | 3 | 23 | 118 | 7 | 2 |
| 24 | 121 | 6 | 0 | 24 | 123 | 9 | 1 |
| 25 | 126 | 6 | 9 | 25 | 128 | 11 | 0 |
| 26 | 131 | 7 | 6 | 26 | 134 | 0 | 10 |
| 27 | 136 | 8 | 3 | 27 | 139 | 2 | 9 |
| 28 | 141 | 9 | 0 | 28 | 144 | 4 | 7 |
| 29 | 146 | 9 | 9 | 29 | 149 | 6 | 6 |
| 30 | 151 | 10 | 6 | 30 | 154 | 8 | 4 |
| 31 | 156 | 11 | 3 | 31 | 159 | 10 | 3 |
| 32 | 162 | 0 | 0 | 32 | 165 | 0 | 2 |
| 33 | 167 | 0 | 9 | 33 | 170 | 2 | 0 |
| 34 | 172 | 1 | 6 | 34 | 175 | 3 | 11 |
| 35 | 177 | 2 | 3 | 35 | 180 | 5 | 9 |
| 36 | 182 | 3 | 0 | 36 | 185 | 7 | 8 |
| 37 | 187 | 3 | 9 | 37 | 190 | 9 | 6 |
| 38 | 192 | 4 | 6 | 38 | 195 | 11 | 5 |
| 39 | 197 | 5 | 3 | 39 | 201 | 1 | 3 |
| 40 | 202 | 6 | 0 | 40 | 206 | 3 | 2 |
| 41 | 207 | 6 | 9 | 41 | 211 | 5 | 1 |
| 42 | 212 | 7 | 6 | 42 | 216 | 6 | 11 |
| 43 | 217 | 8 | 3 | 43 | 221 | 8 | 10 |
| 44 | 222 | 9 | 0 | 44 | 226 | 10 | 8 |
| 45 | 227 | 9 | 9 | 45 | 232 | 0 | 7 |

| Quarters of a Foot. | | | | | Quarters of a Foot. | | | | |
|---------------------|-----|-----|-----|----|---------------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| $\frac{1}{4}$ | 1 | 3 | 2 | 3 | $\frac{1}{4}$ | 1 | 3 | 5 | 6 |
| $\frac{1}{2}$ | 2 | 6 | 4 | 6 | $\frac{1}{2}$ | 2 | 6 | 11 | 0 |
| $\frac{3}{4}$ | 3 | 9 | 6 | 9 | $\frac{3}{4}$ | 3 | 10 | 4 | 6 |

| Pa. | | Side 27 $\frac{1}{2}$ | | | |
|-----|--|-----------------------|-----|-----|----|
| | | Ft. | In. | Pa. | |
| 10 | | 1 | 5 | 3 | 0 |
| 9 | | 2 | 10 | 6 | 0 |
| 7 | | 3 | 15 | 9 | 0 |
| 6 | | 4 | 21 | 0 | 1 |
| 4 | | 5 | 26 | 3 | 1 |
| 3 | | 6 | 31 | 6 | 1 |
| 1 | | 7 | 36 | 9 | 1 |
| 0 | | 8 | 42 | 0 | 2 |
| 11 | | 9 | 47 | 3 | 2 |
| 9 | | 10 | 52 | 6 | 2 |
| 8 | | 11 | 57 | 9 | 2 |
| 6 | | 12 | 63 | 0 | 3 |
| 5 | | 13 | 68 | 3 | 3 |
| 3 | | 14 | 73 | 6 | 3 |
| 2 | | 15 | 78 | 9 | 3 |
| 1 | | 16 | 84 | 0 | 4 |
| 11 | | 17 | 89 | 3 | 4 |
| 10 | | 18 | 94 | 6 | 4 |
| 8 | | 19 | 99 | 9 | 4 |
| 7 | | 20 | 105 | 0 | 5 |
| 5 | | 21 | 110 | 3 | 5 |
| 4 | | 22 | 115 | 6 | 5 |
| 2 | | 23 | 120 | 9 | 5 |
| 1 | | 24 | 126 | 0 | 6 |
| 0 | | 25 | 131 | 3 | 6 |
| 10 | | 26 | 136 | 6 | 6 |
| 9 | | 27 | 141 | 9 | 6 |
| 7 | | 28 | 147 | 0 | 7 |
| 6 | | 29 | 152 | 3 | 7 |
| 4 | | 30 | 157 | 6 | 7 |
| 3 | | 31 | 162 | 9 | 7 |
| 2 | | 32 | 168 | 0 | 8 |
| 0 | | 33 | 173 | 3 | 8 |
| 11 | | 34 | 178 | 6 | 8 |
| 9 | | 35 | 183 | 9 | 8 |
| 8 | | 36 | 189 | 0 | 9 |
| 6 | | 37 | 194 | 3 | 9 |
| 5 | | 38 | 199 | 6 | 9 |
| 3 | | 39 | 204 | 9 | 9 |
| 2 | | 40 | 210 | 0 | 10 |
| 1 | | 41 | 215 | 3 | 10 |
| 11 | | 42 | 220 | 6 | 10 |
| 10 | | 43 | 225 | 9 | 10 |
| 8 | | 44 | 231 | 0 | 11 |
| 7 | | 45 | 236 | 3 | 11 |

| Quarters of a Foot. | | | | | |
|---------------------|--|-----|-----|----|----|
| | | Ft. | In. | Pa | S. |
| $\frac{1}{4}$ | | 1 | 3 | 9 | 0 |
| $\frac{1}{2}$ | | 2 | 7 | 6 | 0 |
| $\frac{3}{4}$ | | 3 | 11 | 3 | 0 |

| Ft. long | Side 27 $\frac{3}{4}$ | | |
|----------|-----------------------|-----|-----|
| | Ft. | In. | Pa. |
| 1 | 5 | 4 | 2 |
| 2 | 10 | 8 | 4 |
| 3 | 16 | 0 | 6 |
| 4 | 21 | 4 | 8 |
| 5 | 26 | 8 | 10 |
| 6 | 32 | 1 | 0 |
| 7 | 37 | 5 | 2 |
| 8 | 42 | 9 | 4 |
| 9 | 48 | 1 | 6 |
| 10 | 53 | 5 | 8 |
| 11 | 58 | 9 | 10 |
| 12 | 64 | 2 | 0 |
| 13 | 69 | 6 | 2 |
| 14 | 74 | 10 | 4 |
| 15 | 80 | 2 | 6 |
| 16 | 85 | 6 | 9 |
| 17 | 90 | 10 | 11 |
| 18 | 96 | 3 | 1 |
| 19 | 101 | 7 | 3 |
| 20 | 106 | 11 | 5 |
| 21 | 112 | 3 | 7 |
| 22 | 117 | 7 | 9 |
| 23 | 122 | 11 | 11 |
| 24 | 128 | 4 | 1 |
| 25 | 133 | 8 | 3 |
| 26 | 139 | 0 | 5 |
| 27 | 144 | 4 | 7 |
| 28 | 149 | 8 | 9 |
| 29 | 155 | 0 | 11 |
| 30 | 160 | 5 | 1 |
| 31 | 165 | 9 | 3 |
| 32 | 171 | 1 | 6 |
| 33 | 176 | 5 | 8 |
| 34 | 181 | 9 | 10 |
| 35 | 187 | 2 | 0 |
| 36 | 192 | 6 | 2 |
| 37 | 197 | 10 | 4 |
| 38 | 203 | 2 | 6 |
| 39 | 208 | 6 | 8 |
| 40 | 213 | 10 | 10 |
| 41 | 219 | 3 | 0 |
| 42 | 224 | 7 | 2 |
| 43 | 229 | 11 | 4 |
| 44 | 235 | 3 | 6 |
| 45 | 240 | 7 | 8 |

| Quarters of a Foot. | | | | |
|---------------------|-----|-----|-----|----|
| | Fr. | In. | Pa. | S. |
| $\frac{1}{4}$ | 1 | 4 | 0 | 6 |
| $\frac{1}{2}$ | 2 | 8 | 1 | 0 |
| $\frac{3}{4}$ | 4 | 0 | 1 | 6 |

| Ft. long | Side 28 Inch. | | | Ft. long | Side 28 $\frac{1}{4}$ | | | | |
|---------------------|---------------|-----|-----|---------------------|-----------------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. | | |
| 1 | 5 | 5 | 4 | 1 | 5 | 6 | 6 | | |
| 2 | 10 | 10 | 8 | 2 | 11 | 1 | 0 | | |
| 3 | 16 | 4 | 0 | 3 | 16 | 7 | 6 | | |
| 4 | 21 | 9 | 4 | 4 | 22 | 2 | 0 | | |
| 5 | 27 | 2 | 8 | 5 | 27 | 8 | 6 | | |
| 6 | 32 | 8 | 0 | 6 | 33 | 3 | 0 | | |
| 7 | 38 | 1 | 4 | 7 | 38 | 9 | 0 | | |
| 8 | 43 | 6 | 8 | 8 | 44 | 4 | 0 | | |
| 9 | 49 | 0 | 0 | 9 | 49 | 10 | 6 | | |
| 10 | 54 | 5 | 4 | 10 | 55 | 5 | 0 | | |
| 11 | 59 | 10 | 8 | 11 | 60 | 11 | 6 | | |
| 12 | 65 | 4 | 0 | 12 | 66 | 6 | 0 | | |
| 13 | 70 | 9 | 4 | 13 | 72 | 0 | 6 | | |
| 14 | 76 | 2 | 8 | 14 | 77 | 7 | 0 | | |
| 15 | 81 | 8 | 0 | 15 | 83 | 1 | 6 | | |
| 16 | 87 | 1 | 4 | 16 | 88 | 8 | 1 | | |
| 17 | 92 | 6 | 8 | 17 | 94 | 2 | 7 | | |
| 18 | 98 | 0 | 0 | 18 | 99 | 9 | 1 | | |
| 19 | 103 | 5 | 4 | 19 | 105 | 3 | 7 | | |
| 20 | 108 | 10 | 8 | 20 | 110 | 10 | 1 | | |
| 21 | 114 | 4 | 0 | 21 | 116 | 4 | 7 | | |
| 22 | 119 | 9 | 4 | 22 | 121 | 11 | 1 | | |
| 23 | 125 | 2 | 8 | 23 | 127 | 5 | 7 | | |
| 24 | 130 | 8 | 0 | 24 | 133 | 0 | 1 | | |
| 25 | 136 | 1 | 4 | 25 | 138 | 6 | 7 | | |
| 26 | 141 | 6 | 8 | 26 | 144 | 1 | 1 | | |
| 27 | 147 | 0 | 0 | 27 | 149 | 7 | 7 | | |
| 28 | 152 | 5 | 4 | 28 | 155 | 2 | 1 | | |
| 29 | 157 | 10 | 8 | 29 | 160 | 8 | 7 | | |
| 30 | 163 | 4 | 0 | 30 | 166 | 3 | 1 | | |
| 31 | 168 | 9 | 4 | 31 | 171 | 9 | 7 | | |
| 32 | 174 | 2 | 8 | 32 | 177 | 4 | 2 | | |
| 33 | 179 | 8 | 0 | 33 | 182 | 10 | 8 | | |
| 34 | 185 | 1 | 4 | 34 | 188 | 5 | 2 | | |
| 35 | 190 | 6 | 8 | 35 | 193 | 11 | 8 | | |
| 36 | 196 | 0 | 0 | 36 | 199 | 6 | 2 | | |
| 37 | 201 | 5 | 4 | 37 | 205 | 0 | 8 | | |
| 38 | 206 | 10 | 8 | 38 | 210 | 7 | 2 | | |
| 39 | 212 | 4 | 0 | 39 | 216 | 1 | 8 | | |
| 40 | 217 | 9 | 4 | 40 | 221 | 8 | 2 | | |
| 41 | 223 | 2 | 8 | 41 | 227 | 2 | 8 | | |
| 42 | 228 | 8 | 0 | 42 | 232 | 9 | 2 | | |
| 43 | 234 | 1 | 4 | 43 | 238 | 3 | 8 | | |
| 44 | 239 | 6 | 8 | 44 | 243 | 10 | 2 | | |
| 45 | 245 | 0 | 0 | 45 | 249 | 4 | 8 | | |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | | | |
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| $\frac{1}{4}$ | 1 | 4 | 4 | 0 | $\frac{1}{4}$ | 1 | 4 | 7 | 6 |
| $\frac{1}{2}$ | 2 | 8 | 8 | 0 | $\frac{1}{2}$ | 2 | 9 | 3 | 0 |
| $\frac{3}{4}$ | 4 | 1 | 0 | 0 | $\frac{3}{4}$ | 4 | 1 | 10 | 6 |

| Ft. long. | Side 28 $\frac{1}{2}$ | | | Ft. long. | Side 28 $\frac{3}{4}$ | | |
|---------------------|-----------------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 5 | 7 | 8 | 1 | 5 | 8 | 10 |
| 2 | 11 | 3 | 4 | 2 | 11 | 5 | 9 |
| 3 | 16 | 11 | 0 | 3 | 17 | 2 | 7 |
| 4 | 22 | 6 | 9 | 4 | 22 | 11 | 6 |
| 5 | 28 | 2 | 5 | 5 | 28 | 8 | 4 |
| 6 | 33 | 10 | 1 | 6 | 34 | 5 | 3 |
| 7 | 39 | 5 | 9 | 7 | 40 | 2 | 1 |
| 8 | 45 | 1 | 6 | 8 | 45 | 11 | 0 |
| 9 | 50 | 9 | 2 | 9 | 51 | 7 | 11 |
| 10 | 56 | 4 | 10 | 10 | 57 | 4 | 9 |
| 11 | 62 | 0 | 6 | 11 | 63 | 1 | 8 |
| 12 | 67 | 8 | 3 | 12 | 68 | 10 | 6 |
| 13 | 73 | 3 | 11 | 13 | 74 | 7 | 5 |
| 14 | 78 | 11 | 7 | 14 | 80 | 4 | 3 |
| 15 | 84 | 7 | 3 | 15 | 86 | 1 | 2 |
| 16 | 90 | 3 | 0 | 16 | 91 | 10 | 1 |
| 17 | 95 | 10 | 8 | 17 | 97 | 6 | 11 |
| 18 | 101 | 6 | 4 | 18 | 103 | 3 | 10 |
| 19 | 107 | 2 | 0 | 19 | 109 | 0 | 8 |
| 20 | 112 | 9 | 9 | 20 | 114 | 9 | 7 |
| 21 | 118 | 5 | 5 | 21 | 120 | 6 | 5 |
| 22 | 124 | 1 | 1 | 22 | 126 | 3 | 4 |
| 23 | 129 | 8 | 9 | 23 | 132 | 0 | 2 |
| 24 | 135 | 4 | 6 | 24 | 137 | 9 | 1 |
| 25 | 141 | 0 | 2 | 25 | 143 | 6 | 0 |
| 26 | 146 | 7 | 10 | 26 | 149 | 2 | 10 |
| 27 | 152 | 3 | 6 | 27 | 154 | 11 | 9 |
| 28 | 157 | 11 | 3 | 28 | 160 | 8 | 7 |
| 29 | 163 | 6 | 11 | 29 | 166 | 5 | 6 |
| 30 | 169 | 2 | 7 | 30 | 172 | 2 | 4 |
| 31 | 174 | 10 | 3 | 31 | 177 | 11 | 3 |
| 32 | 180 | 6 | 0 | 32 | 183 | 8 | 2 |
| 33 | 186 | 1 | 8 | 33 | 189 | 5 | 0 |
| 34 | 191 | 9 | 4 | 34 | 195 | 1 | 11 |
| 35 | 197 | 5 | 0 | 35 | 200 | 10 | 9 |
| 36 | 203 | 0 | 9 | 36 | 206 | 7 | 8 |
| 37 | 208 | 8 | 5 | 37 | 212 | 4 | 6 |
| 38 | 214 | 4 | 1 | 38 | 218 | 1 | 5 |
| 39 | 219 | 11 | 9 | 39 | 223 | 10 | 3 |
| 40 | 225 | 7 | 6 | 40 | 229 | 7 | 2 |
| 41 | 231 | 3 | 2 | 41 | 235 | 4 | 1 |
| 42 | 236 | 10 | 10 | 42 | 241 | 0 | 11 |
| 43 | 242 | 6 | 6 | 43 | 246 | 9 | 9 |
| 44 | 248 | 2 | 3 | 44 | 252 | 6 | 7 |
| 45 | 253 | 9 | 11 | 45 | 258 | 3 | 0 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 1 | 4 | 11 0 | $\frac{1}{4}$ | 1 | 5 | 2 6 |
| $\frac{1}{2}$ | 2 | 9 | 10 0 | $\frac{1}{2}$ | 2 | 10 | 5 0 |
| $\frac{3}{4}$ | 4 | 2 | 9 0 | $\frac{3}{4}$ | 4 | 3 | 7 6 |

| Ft. long | Side 29 Inch. | | | Ft. long | Side 29 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 5 | 10 | 1 | 1 | 5 | 11 | 3 |
| 2 | 11 | 8 | 2 | 2 | 11 | 10 | 7 |
| 3 | 17 | 6 | 3 | 3 | 17 | 9 | 10 |
| 4 | 23 | 4 | 4 | 4 | 23 | 9 | 2 |
| 5 | 29 | 2 | 5 | 5 | 29 | 8 | 5 |
| 6 | 35 | 0 | 6 | 6 | 35 | 7 | 9 |
| 7 | 40 | 10 | 7 | 7 | 41 | 7 | 0 |
| 8 | 46 | 8 | 8 | 8 | 47 | 6 | 4 |
| 9 | 52 | 6 | 9 | 9 | 53 | 5 | 8 |
| 10 | 58 | 4 | 10 | 10 | 59 | 4 | 11 |
| 11 | 64 | 2 | 11 | 11 | 65 | 4 | 3 |
| 12 | 70 | 1 | 0 | 12 | 71 | 3 | 6 |
| 13 | 75 | 11 | 1 | 13 | 77 | 2 | 10 |
| 14 | 81 | 9 | 2 | 14 | 83 | 2 | 1 |
| 15 | 87 | 7 | 3 | 15 | 89 | 1 | 5 |
| 16 | 93 | 5 | 4 | 16 | 95 | 0 | 9 |
| 17 | 99 | 3 | 5 | 17 | 101 | 0 | 0 |
| 18 | 105 | 1 | 6 | 18 | 106 | 11 | 4 |
| 19 | 110 | 11 | 7 | 19 | 112 | 10 | 7 |
| 20 | 116 | 9 | 8 | 20 | 118 | 9 | 11 |
| 21 | 122 | 7 | 9 | 21 | 124 | 9 | 2 |
| 22 | 128 | 5 | 10 | 22 | 130 | 8 | 6 |
| 23 | 134 | 3 | 11 | 23 | 136 | 7 | 9 |
| 24 | 140 | 2 | 0 | 24 | 142 | 7 | 1 |
| 25 | 146 | 0 | 1 | 25 | 148 | 6 | 5 |
| 26 | 151 | 10 | 2 | 26 | 154 | 5 | 8 |
| 27 | 157 | 8 | 3 | 27 | 160 | 5 | 0 |
| 28 | 163 | 6 | 4 | 28 | 166 | 4 | 3 |
| 29 | 169 | 4 | 5 | 29 | 172 | 3 | 7 |
| 30 | 175 | 2 | 6 | 30 | 178 | 2 | 10 |
| 31 | 181 | 0 | 7 | 31 | 184 | 2 | 2 |
| 32 | 186 | 10 | 8 | 32 | 190 | 1 | 6 |
| 33 | 192 | 8 | 9 | 33 | 196 | 0 | 9 |
| 34 | 198 | 6 | 10 | 34 | 202 | 0 | 1 |
| 35 | 204 | 4 | 11 | 35 | 207 | 11 | 4 |
| 36 | 210 | 3 | 0 | 36 | 213 | 10 | 8 |
| 37 | 216 | 1 | 1 | 37 | 219 | 9 | 11 |
| 38 | 221 | 11 | 2 | 38 | 225 | 9 | 3 |
| 39 | 227 | 9 | 3 | 39 | 231 | 8 | 6 |
| 40 | 233 | 7 | 4 | 40 | 237 | 7 | 10 |
| 41 | 239 | 5 | 5 | 41 | 243 | 7 | 2 |
| 42 | 245 | 3 | 6 | 42 | 249 | 6 | 5 |
| 43 | 251 | 1 | 7 | 43 | 255 | 5 | 9 |
| 44 | 256 | 11 | 8 | 44 | 261 | 5 | 0 |
| 45 | 262 | 9 | 9 | 45 | 267 | 4 | 4 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 1 | 5 | 6 3 | $\frac{1}{4}$ | 1 | 5 | 9 9 |
| $\frac{1}{2}$ | 2 | 11 | 0 6 | $\frac{1}{2}$ | 2 | 11 | 7 6 |
| $\frac{3}{4}$ | 4 | 4 | 6 9 | $\frac{3}{4}$ | 4 | 5 | 5 3 |

$\frac{1}{4}$
Pa.
3
7
10
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4
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11
3
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9
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4
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11
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9
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0
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11
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6
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2
5
9
0
4
10
1
6
3

| Side $29 \frac{1}{2}$ | | | | Side $29 \frac{3}{4}$ | | | |
|-----------------------|-----|-----|--------|-----------------------|-----|-----|--------|
| Ft. long | Ft. | In. | Pa. | Ft. long | Ft. | In. | Pa. |
| | | | | | | | |
| 1 | 6 | 0 | 6 | 1 | 6 | 1 | 9 |
| 2 | 12 | 1 | 0 | 2 | 12 | 3 | 6 |
| 3 | 18 | 1 | 6 | 3 | 18 | 5 | 3 |
| 4 | 24 | 2 | 1 | 4 | 24 | 7 | 0 |
| 5 | 30 | 2 | 7 | 5 | 30 | 8 | 9 |
| 6 | 36 | 3 | 1 | 6 | 36 | 10 | 6 |
| 7 | 42 | 3 | 7 | 7 | 43 | 0 | 3 |
| 8 | 48 | 4 | 2 | 8 | 49 | 2 | 0 |
| 9 | 54 | 4 | 8 | 9 | 55 | 3 | 9 |
| 10 | 60 | 5 | 2 | 10 | 61 | 5 | 6 |
| 11 | 66 | 5 | 8 | 11 | 67 | 7 | 3 |
| 12 | 72 | 6 | 3 | 12 | 73 | 9 | 0 |
| 13 | 78 | 6 | 9 | 13 | 79 | 10 | 9 |
| 14 | 84 | 7 | 3 | 14 | 86 | 0 | 6 |
| 15 | 90 | 7 | 9 | 15 | 92 | 2 | 3 |
| 16 | 96 | 8 | 4 | 16 | 98 | 4 | 1 |
| 17 | 102 | 8 | 10 | 17 | 104 | 5 | 10 |
| 18 | 108 | 9 | 4 | 18 | 110 | 7 | 7 |
| 19 | 114 | 9 | 10 | 19 | 116 | 9 | 4 |
| 20 | 120 | 10 | 5 | 20 | 122 | 11 | 1 |
| 21 | 126 | 10 | 11 | 21 | 129 | 0 | 10 |
| 22 | 132 | 11 | 5 | 22 | 135 | 2 | 7 |
| 23 | 138 | 11 | 11 | 23 | 141 | 4 | 4 |
| 24 | 145 | 0 | 6 | 24 | 147 | 6 | 1 |
| 25 | 151 | 1 | 0 | 25 | 153 | 7 | 10 |
| 26 | 157 | 1 | 6 | 26 | 159 | 9 | 7 |
| 27 | 163 | 2 | 0 | 27 | 165 | 11 | 4 |
| 28 | 169 | 2 | 7 | 28 | 172 | 1 | 1 |
| 29 | 175 | 3 | 1 | 29 | 178 | 2 | 10 |
| 30 | 181 | 3 | 7 | 30 | 184 | 4 | 7 |
| 31 | 187 | 4 | 1 | 31 | 190 | 6 | 4 |
| 32 | 193 | 4 | 8 | 32 | 196 | 8 | 2 |
| 33 | 199 | 5 | 2 | 33 | 202 | 9 | 11 |
| 34 | 205 | 5 | 8 | 34 | 208 | 11 | 8 |
| 35 | 211 | 6 | 2 | 35 | 215 | 1 | 5 |
| 36 | 217 | 6 | 9 | 36 | 221 | 3 | 2 |
| 37 | 223 | 7 | 3 | 37 | 227 | 4 | 11 |
| 38 | 229 | 7 | 9 | 38 | 233 | 6 | 8 |
| 39 | 235 | 8 | 3 | 39 | 239 | 8 | 5 |
| 40 | 241 | 8 | 10 | 40 | 245 | 10 | 2 |
| 41 | 247 | 9 | 4 | 41 | 251 | 11 | 11 |
| 42 | 253 | 9 | 10 | 42 | 258 | 1 | 8 |
| 43 | 259 | 10 | 4 | 43 | 264 | 3 | 5 |
| 44 | 265 | 10 | 11 | 44 | 270 | 5 | 2 |
| 45 | 271 | 11 | 5 | 45 | 276 | 6 | 11 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 1 | 6 | 1 6 | $\frac{1}{4}$ | 1 | 6 | 5 3 |
| $\frac{1}{2}$ | 3 | 0 | 3 0 | $\frac{1}{2}$ | 3 | 0 | 10 6 |
| $\frac{3}{4}$ | 4 | 6 | 4 6 | $\frac{3}{4}$ | 4 | 7 | 3 9 |

| Ft. long | Side 30 Inch. | | | Ft. long | Side 30 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 6 | 3 | 0 | 1 | 6 | 4 | 3 |
| 2 | 12 | 6 | 0 | 2 | 12 | 8 | 6 |
| 3 | 18 | 9 | 0 | 3 | 19 | 0 | 9 |
| 4 | 25 | 0 | 0 | 4 | 25 | 5 | 0 |
| 5 | 31 | 3 | 0 | 5 | 31 | 9 | 3 |
| 6 | 37 | 6 | 0 | 6 | 38 | 1 | 6 |
| 7 | 43 | 9 | 0 | 7 | 44 | 5 | 9 |
| 8 | 50 | 0 | 0 | 8 | 50 | 10 | 0 |
| 9 | 56 | 3 | 0 | 9 | 57 | 2 | 3 |
| 10 | 62 | 6 | 0 | 10 | 63 | 6 | 6 |
| 11 | 68 | 9 | 0 | 11 | 69 | 10 | 9 |
| 12 | 75 | 0 | 0 | 12 | 76 | 3 | 0 |
| 13 | 81 | 3 | 0 | 13 | 82 | 7 | 3 |
| 14 | 87 | 6 | 0 | 14 | 88 | 11 | 6 |
| 15 | 93 | 9 | 0 | 15 | 95 | 3 | 9 |
| 16 | 100 | 0 | 0 | 16 | 101 | 8 | 1 |
| 17 | 106 | 3 | 0 | 17 | 108 | 0 | 4 |
| 18 | 112 | 6 | 0 | 18 | 114 | 4 | 7 |
| 19 | 118 | 9 | 0 | 19 | 120 | 8 | 10 |
| 20 | 125 | 0 | 0 | 20 | 127 | 1 | 1 |
| 21 | 131 | 3 | 0 | 21 | 133 | 5 | 4 |
| 22 | 137 | 6 | 0 | 22 | 139 | 9 | 7 |
| 23 | 143 | 9 | 0 | 23 | 146 | 1 | 10 |
| 24 | 150 | 0 | 0 | 24 | 152 | 6 | 1 |
| 25 | 156 | 3 | 0 | 25 | 158 | 10 | 4 |
| 26 | 162 | 6 | 0 | 26 | 165 | 2 | 7 |
| 27 | 168 | 9 | 0 | 27 | 171 | 6 | 10 |
| 28 | 175 | 0 | 0 | 28 | 177 | 11 | 1 |
| 29 | 181 | 3 | 0 | 29 | 184 | 3 | 4 |
| 30 | 187 | 6 | 0 | 30 | 190 | 7 | 7 |
| 31 | 193 | 9 | 0 | 31 | 196 | 11 | 10 |
| 32 | 200 | 0 | 0 | 32 | 203 | 4 | 2 |
| 33 | 206 | 3 | 0 | 33 | 209 | 8 | 5 |
| 34 | 212 | 6 | 0 | 34 | 216 | 0 | 8 |
| 35 | 218 | 9 | 0 | 35 | 222 | 4 | 11 |
| 36 | 225 | 0 | 0 | 36 | 228 | 9 | 2 |
| 37 | 231 | 3 | 0 | 37 | 235 | 1 | 5 |
| 38 | 237 | 6 | 0 | 38 | 241 | 5 | 8 |
| 39 | 243 | 9 | 0 | 39 | 247 | 9 | 11 |
| 40 | 250 | 0 | 0 | 40 | 254 | 2 | 2 |
| 41 | 256 | 3 | 0 | 41 | 260 | 6 | 5 |
| 42 | 262 | 6 | 0 | 42 | 266 | 10 | 8 |
| 43 | 268 | 9 | 0 | 43 | 273 | 2 | 11 |
| 44 | 275 | 0 | 0 | 44 | 279 | 7 | 2 |
| 45 | 281 | 3 | 0 | 45 | 285 | 11 | 5 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 1 | 6 | 9 0 | $\frac{1}{4}$ | 1 | 7 | 0 9 |
| $\frac{1}{2}$ | 3 | 1 | 6 0 | $\frac{1}{2}$ | 3 | 2 | 1 6 |
| $\frac{3}{4}$ | 4 | 8 | 3 0 | $\frac{3}{4}$ | 4 | 9 | 2 3 |

Of SOLID MEASURE.

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| Side 30 $\frac{1}{2}$ | | | | Side 30 $\frac{3}{4}$ | | | |
|-----------------------|-----|-----|-----|-----------------------|-----|-----|-----|
| Ft. long | Ft. | In. | Pa. | Ft. long | Ft. | In. | Pa. |
| 1 | 6 | 5 | 6 | 1 | 6 | 6 | 9 |
| 2 | 12 | 11 | 0 | 2 | 13 | 1 | 7 |
| 3 | 19 | 4 | 6 | 3 | 19 | 8 | 4 |
| 4 | 25 | 10 | 1 | 4 | 26 | 3 | 2 |
| 5 | 32 | 3 | 7 | 5 | 32 | 9 | 11 |
| 6 | 38 | 9 | 1 | 6 | 39 | 4 | 9 |
| 7 | 45 | 2 | 7 | 7 | 45 | 11 | 6 |
| 8 | 51 | 8 | 2 | 8 | 52 | 6 | 4 |
| 9 | 58 | 1 | 8 | 9 | 59 | 1 | 2 |
| 10 | 64 | 7 | 2 | 10 | 65 | 7 | 11 |
| 11 | 71 | 0 | 8 | 11 | 72 | 2 | 10 |
| 12 | 77 | 6 | 3 | 12 | 78 | 9 | 6 |
| 13 | 83 | 11 | 9 | 13 | 85 | 4 | 4 |
| 14 | 90 | 5 | 3 | 14 | 91 | 11 | 1 |
| 15 | 96 | 10 | 9 | 15 | 98 | 5 | 11 |
| 16 | 103 | 4 | 4 | 16 | 105 | 0 | 9 |
| 17 | 109 | 9 | 10 | 17 | 111 | 7 | 6 |
| 18 | 116 | 3 | 4 | 18 | 118 | 2 | 4 |
| 19 | 122 | 8 | 10 | 19 | 124 | 9 | 1 |
| 20 | 129 | 2 | 5 | 20 | 131 | 3 | 11 |
| 21 | 135 | 7 | 11 | 21 | 137 | 10 | 8 |
| 22 | 142 | 1 | 5 | 22 | 144 | 5 | 6 |
| 23 | 148 | 6 | 11 | 23 | 151 | 0 | 3 |
| 24 | 155 | 0 | 6 | 24 | 157 | 7 | 1 |
| 25 | 161 | 6 | 0 | 25 | 164 | 1 | 11 |
| 26 | 167 | 11 | 6 | 26 | 170 | 8 | 8 |
| 27 | 174 | 5 | 0 | 27 | 177 | 3 | 6 |
| 28 | 180 | 10 | 7 | 28 | 183 | 10 | 3 |
| 29 | 187 | 4 | 1 | 29 | 190 | 5 | 1 |
| 30 | 193 | 9 | 7 | 30 | 196 | 11 | 10 |
| 31 | 200 | 3 | 1 | 31 | 203 | 6 | 8 |
| 32 | 206 | 8 | 8 | 32 | 210 | 1 | 6 |
| 33 | 213 | 2 | 2 | 33 | 216 | 8 | 3 |
| 34 | 219 | 7 | 8 | 34 | 223 | 3 | 1 |
| 35 | 226 | 1 | 2 | 35 | 229 | 9 | 10 |
| 36 | 232 | 6 | 9 | 36 | 236 | 4 | 8 |
| 37 | 239 | 0 | 3 | 37 | 242 | 11 | 5 |
| 38 | 245 | 5 | 9 | 38 | 249 | 6 | 3 |
| 39 | 251 | 11 | 3 | 39 | 256 | 1 | 0 |
| 40 | 258 | 4 | 10 | 40 | 262 | 7 | 10 |
| 41 | 264 | 10 | 4 | 41 | 269 | 2 | 7 |
| 42 | 271 | 3 | 10 | 42 | 275 | 9 | 5 |
| 43 | 277 | 9 | 4 | 43 | 282 | 4 | 2 |
| 44 | 284 | 2 | 11 | 44 | 288 | 11 | 0 |
| 45 | 290 | 8 | 5 | 45 | 295 | 5 | 10 |

| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
|---------------------|-----|-----|--------|---------------------|-----|-----|--------|
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 1 | 7 | 4 6 | $\frac{1}{4}$ | 1 | 7 | 8 3 |
| $\frac{1}{2}$ | 3 | 2 | 9 0 | $\frac{1}{2}$ | 3 | 3 | 4 6 |
| $\frac{3}{4}$ | 4 | 10 | 1 6 | $\frac{3}{4}$ | 4 | 11 | 0 9 |

| Ft. long | Side 31 Inch. | | | Ft. long | Side 31 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 6 | 8 | 1 | 1 | 6 | 9 | 4 |
| 2 | 13 | 4 | 2 | 2 | 13 | 6 | 9 |
| 3 | 20 | 0 | 3 | 3 | 20 | 4 | 1 |
| 4 | 26 | 8 | 4 | 4 | 27 | 1 | 6 |
| 5 | 33 | 4 | 5 | 5 | 33 | 10 | 10 |
| 6 | 40 | 0 | 6 | 6 | 40 | 8 | 3 |
| 7 | 46 | 8 | 7 | 7 | 47 | 5 | 7 |
| 8 | 53 | 4 | 8 | 8 | 54 | 3 | 0 |
| 9 | 60 | 0 | 9 | 9 | 61 | 0 | 5 |
| 10 | 66 | 8 | 10 | 10 | 67 | 9 | 9 |
| 11 | 73 | 4 | 11 | 11 | 74 | 7 | 2 |
| 12 | 80 | 1 | 0 | 12 | 81 | 4 | 6 |
| 13 | 86 | 9 | 1 | 13 | 88 | 1 | 11 |
| 14 | 93 | 5 | 2 | 14 | 94 | 11 | 3 |
| 15 | 100 | 1 | 3 | 15 | 101 | 8 | 8 |
| 16 | 106 | 9 | 4 | 16 | 108 | 6 | 1 |
| 17 | 113 | 5 | 5 | 17 | 115 | 3 | 5 |
| 18 | 120 | 1 | 6 | 18 | 122 | 0 | 10 |
| 19 | 126 | 9 | 7 | 19 | 128 | 10 | 2 |
| 20 | 133 | 5 | 8 | 20 | 135 | 7 | 7 |
| 21 | 140 | 1 | 9 | 21 | 142 | 4 | 11 |
| 22 | 146 | 9 | 10 | 22 | 149 | 2 | 4 |
| 23 | 153 | 5 | 11 | 23 | 155 | 11 | 8 |
| 24 | 160 | 2 | 0 | 24 | 162 | 9 | 1 |
| 25 | 166 | 10 | 1 | 25 | 169 | 6 | 6 |
| 26 | 173 | 6 | 2 | 26 | 176 | 3 | 10 |
| 27 | 180 | 2 | 3 | 27 | 183 | 1 | 3 |
| 28 | 186 | 10 | 4 | 28 | 189 | 10 | 7 |
| 29 | 193 | 6 | 5 | 29 | 196 | 8 | 0 |
| 30 | 200 | 2 | 6 | 30 | 203 | 5 | 4 |
| 31 | 206 | 10 | 7 | 31 | 210 | 2 | 9 |
| 32 | 213 | 6 | 8 | 32 | 217 | 0 | 2 |
| 33 | 220 | 2 | 9 | 33 | 223 | 9 | 6 |
| 34 | 226 | 10 | 10 | 34 | 230 | 6 | 11 |
| 35 | 233 | 6 | 11 | 35 | 237 | 4 | 3 |
| 36 | 240 | 3 | 0 | 36 | 244 | 1 | 8 |
| 37 | 246 | 11 | 1 | 37 | 250 | 11 | 0 |
| 38 | 253 | 7 | 2 | 38 | 257 | 8 | 1 |
| 39 | 260 | 3 | 3 | 39 | 264 | 5 | 9 |
| 40 | 266 | 11 | 4 | 40 | 271 | 3 | 2 |
| 41 | 273 | 7 | 5 | 41 | 278 | 0 | 7 |
| 42 | 280 | 3 | 6 | 42 | 284 | 9 | 11 |
| 43 | 286 | 11 | 7 | 43 | 291 | 7 | 4 |
| 44 | 293 | 7 | 8 | 44 | 298 | 4 | 8 |
| 45 | 300 | 3 | 9 | 45 | 305 | 2 | 1 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 1 | 8 | 0 3 | $\frac{1}{4}$ | 1 | 8 | 4 0 |
| $\frac{1}{2}$ | 3 | 4 | 0 6 | $\frac{1}{2}$ | 3 | 4 | 8 0 |
| $\frac{3}{4}$ | 5 | 0 | 0 9 | $\frac{3}{4}$ | 5 | 1 | 0 0 |

| Ft. long | Side 31 $\frac{1}{2}$ | | | Ft. long | Side 31 $\frac{3}{4}$ | | |
|---------------------|-----------------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 6 | 10 | 8 | 1 | 7 | 0 | 0 |
| 2 | 13 | 9 | 4 | 2 | 14 | 0 | 0 |
| 3 | 20 | 8 | 0 | 3 | 21 | 0 | 0 |
| 4 | 27 | 6 | 9 | 4 | 28 | 0 | 0 |
| 5 | 34 | 5 | 5 | 5 | 35 | 0 | 0 |
| 6 | 41 | 4 | 1 | 6 | 42 | 0 | 0 |
| 7 | 48 | 2 | 9 | 7 | 49 | 0 | 0 |
| 8 | 55 | 1 | 6 | 8 | 56 | 0 | 0 |
| 9 | 62 | 0 | 2 | 9 | 63 | 0 | 0 |
| 10 | 68 | 10 | 10 | 10 | 70 | 0 | 0 |
| 11 | 75 | 9 | 6 | 11 | 77 | 0 | 0 |
| 12 | 82 | 8 | 3 | 12 | 84 | 0 | 0 |
| 13 | 89 | 6 | 11 | 13 | 91 | 0 | 0 |
| 14 | 96 | 5 | 7 | 14 | 98 | 0 | 0 |
| 15 | 103 | 4 | 3 | 15 | 105 | 0 | 0 |
| 16 | 110 | 3 | 0 | 16 | 112 | 0 | 1 |
| 17 | 117 | 1 | 8 | 17 | 119 | 0 | 1 |
| 18 | 124 | 0 | 4 | 18 | 126 | 0 | 1 |
| 19 | 130 | 11 | 0 | 19 | 133 | 0 | 1 |
| 20 | 137 | 9 | 9 | 20 | 140 | 0 | 1 |
| 21 | 144 | 8 | 5 | 21 | 147 | 0 | 1 |
| 22 | 151 | 7 | 1 | 22 | 154 | 0 | 1 |
| 23 | 158 | 5 | 9 | 23 | 161 | 0 | 1 |
| 24 | 165 | 4 | 6 | 24 | 168 | 0 | 1 |
| 25 | 172 | 3 | 2 | 25 | 175 | 0 | 1 |
| 26 | 179 | 1 | 10 | 26 | 182 | 0 | 1 |
| 27 | 186 | 0 | 6 | 27 | 189 | 0 | 1 |
| 28 | 192 | 11 | 3 | 28 | 196 | 0 | 1 |
| 29 | 199 | 9 | 11 | 29 | 203 | 0 | 1 |
| 30 | 206 | 8 | 7 | 30 | 210 | 0 | 1 |
| 31 | 213 | 7 | 3 | 31 | 217 | 0 | 1 |
| 32 | 210 | 6 | 0 | 32 | 224 | 0 | 2 |
| 33 | 227 | 4 | 8 | 33 | 231 | 0 | 2 |
| 34 | 234 | 3 | 4 | 34 | 238 | 0 | 2 |
| 35 | 241 | 2 | 0 | 35 | 245 | 0 | 2 |
| 36 | 248 | 0 | 9 | 36 | 252 | 0 | 2 |
| 37 | 254 | 11 | 5 | 37 | 259 | 0 | 2 |
| 38 | 261 | 10 | 1 | 38 | 266 | 0 | 2 |
| 39 | 268 | 8 | 9 | 39 | 273 | 0 | 2 |
| 40 | 275 | 7 | 6 | 40 | 280 | 0 | 2 |
| 41 | 282 | 6 | 2 | 41 | 287 | 0 | 2 |
| 42 | 289 | 4 | 10 | 42 | 294 | 0 | 2 |
| 43 | 296 | 3 | 6 | 43 | 301 | 0 | 2 |
| 44 | 303 | 2 | 3 | 44 | 308 | 0 | 2 |
| 45 | 310 | 0 | 11 | 45 | 315 | 0 | 2 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 1 | 8 | 8 0 | $\frac{1}{4}$ | 1 | 9 | 0 0 |
| $\frac{1}{2}$ | 3 | 5 | 4 0 | $\frac{1}{2}$ | 3 | 6 | 0 0 |
| $\frac{3}{4}$ | 5 | 2 | 0 0 | $\frac{3}{4}$ | 5 | 3 | 0 0 |

| Ft. long | Side 32 Inch. | | | Ft. long | Side 32 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 7 | 1 | 4 | 1 | 7 | 2 | 8 |
| 2 | 14 | 2 | 8 | 2 | 14 | 5 | 4 |
| 3 | 21 | 4 | 0 | 3 | 21 | 8 | 0 |
| 4 | 23 | 5 | 4 | 4 | 28 | 10 | 8 |
| 5 | 35 | 6 | 8 | 5 | 36 | 1 | 4 |
| 6 | 42 | 8 | 0 | 6 | 43 | 4 | 0 |
| 7 | 49 | 9 | 4 | 7 | 50 | 6 | 8 |
| 8 | 56 | 10 | 8 | 8 | 57 | 9 | 4 |
| 9 | 64 | 0 | 0 | 9 | 65 | 0 | 0 |
| 10 | 71 | 1 | 4 | 10 | 72 | 2 | 8 |
| 11 | 78 | 2 | 8 | 11 | 79 | 5 | 4 |
| 12 | 85 | 4 | 0 | 12 | 86 | 8 | 0 |
| 13 | 92 | 5 | 4 | 13 | 93 | 10 | 8 |
| 14 | 99 | 6 | 8 | 14 | 101 | 1 | 4 |
| 15 | 106 | 8 | 0 | 15 | 108 | 4 | 0 |
| 16 | 113 | 9 | 4 | 16 | 115 | 6 | 9 |
| 17 | 120 | 10 | 8 | 17 | 122 | 9 | 5 |
| 18 | 128 | 0 | 0 | 18 | 130 | 0 | 1 |
| 19 | 135 | 1 | 4 | 19 | 137 | 2 | 9 |
| 20 | 142 | 2 | 8 | 20 | 144 | 5 | 5 |
| 21 | 149 | 4 | 0 | 21 | 151 | 8 | 1 |
| 22 | 156 | 5 | 4 | 22 | 158 | 10 | 9 |
| 23 | 163 | 6 | 8 | 23 | 166 | 1 | 5 |
| 24 | 170 | 8 | 0 | 24 | 173 | 4 | 1 |
| 25 | 177 | 9 | 4 | 25 | 180 | 6 | 9 |
| 26 | 184 | 10 | 8 | 26 | 187 | 9 | 5 |
| 27 | 192 | 0 | 0 | 27 | 195 | 0 | 1 |
| 28 | 199 | 1 | 4 | 28 | 202 | 2 | 9 |
| 29 | 206 | 2 | 8 | 29 | 209 | 5 | 5 |
| 30 | 213 | 4 | 0 | 30 | 216 | 8 | 1 |
| 31 | 220 | 5 | 4 | 31 | 223 | 10 | 9 |
| 32 | 227 | 6 | 8 | 32 | 231 | 1 | 6 |
| 33 | 234 | 8 | 0 | 33 | 238 | 4 | 2 |
| 34 | 241 | 9 | 4 | 34 | 245 | 6 | 10 |
| 35 | 248 | 10 | 8 | 35 | 252 | 9 | 6 |
| 36 | 256 | 0 | 0 | 36 | 260 | 0 | 2 |
| 37 | 263 | 1 | 4 | 37 | 267 | 2 | 10 |
| 38 | 270 | 2 | 8 | 38 | 274 | 5 | 6 |
| 39 | 277 | 4 | 0 | 39 | 281 | 8 | 2 |
| 40 | 284 | 5 | 4 | 40 | 288 | 10 | 10 |
| 41 | 291 | 6 | 8 | 41 | 296 | 1 | 6 |
| 42 | 298 | 8 | 0 | 42 | 303 | 4 | 2 |
| 43 | 305 | 9 | 4 | 43 | 310 | 6 | 10 |
| 44 | 312 | 10 | 8 | 44 | 317 | 9 | 6 |
| 45 | 320 | 0 | 0 | 45 | 325 | 0 | 2 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 1 | 9 | 4 0 | $\frac{1}{4}$ | 1 | 9 | 8 0 |
| $\frac{1}{2}$ | 3 | 6 | 8 0 | $\frac{1}{2}$ | 3 | 7 | 4 0 |
| $\frac{3}{4}$ | 5 | 4 | 0 0 | $\frac{3}{4}$ | 5 | 5 | 0 0 |

| Pa. | Ft. long | Side 32 $\frac{1}{2}$ | | | Pa. | Ft. long | Side 32 $\frac{3}{4}$ | | | Pa. |
|---------------------|---------------|-----------------------|-----|-----|-----|----------|-----------------------|-----|-----|--------|
| | | Ft. | In. | Pa. | | | Ft. | In. | Pa. | |
| 8 | 1 | 7 | 4 | 0 | 1 | 7 | 5 | 4 | | |
| 4 | 2 | 14 | 8 | 0 | 2 | 14 | 10 | 9 | | |
| 0 | 3 | 22 | 0 | 0 | 3 | 22 | 4 | 1 | | |
| 8 | 4 | 29 | 4 | 1 | 4 | 29 | 9 | 6 | | |
| 4 | 5 | 36 | 8 | 1 | 5 | 37 | 2 | 10 | | |
| 0 | 6 | 44 | 0 | 1 | 6 | 44 | 8 | 3 | | |
| 8 | 7 | 51 | 4 | 1 | 7 | 52 | 1 | 7 | | |
| 4 | 8 | 58 | 8 | 2 | 8 | 59 | 7 | 0 | | |
| 0 | 9 | 66 | 0 | 2 | 9 | 67 | 0 | 5 | | |
| 8 | 10 | 73 | 4 | 2 | 10 | 74 | 5 | 9 | | |
| 4 | 11 | 80 | 8 | 2 | 11 | 81 | 11 | 2 | | |
| 0 | 12 | 88 | 0 | 3 | 12 | 89 | 4 | 6 | | |
| 8 | 13 | 95 | 4 | 3 | 13 | 96 | 9 | 11 | | |
| 4 | 14 | 102 | 8 | 3 | 14 | 104 | 3 | 3 | | |
| 0 | 15 | 110 | 0 | 3 | 15 | 111 | 8 | 8 | | |
| 9 | 16 | 117 | 4 | 4 | 16 | 119 | 2 | 1 | | |
| 5 | 17 | 124 | 8 | 4 | 17 | 126 | 7 | 5 | | |
| 1 | 18 | 132 | 0 | 4 | 18 | 134 | 0 | 10 | | |
| 9 | 19 | 139 | 4 | 4 | 19 | 141 | 6 | 2 | | |
| 5 | 20 | 146 | 8 | 5 | 20 | 148 | 11 | 7 | | |
| 1 | 21 | 154 | 0 | 5 | 21 | 156 | 4 | 11 | | |
| 9 | 22 | 161 | 4 | 5 | 22 | 163 | 10 | 4 | | |
| 5 | 23 | 168 | 8 | 5 | 23 | 171 | 3 | 8 | | |
| 1 | 24 | 176 | 0 | 6 | 24 | 178 | 9 | 1 | | |
| 9 | 25 | 183 | 4 | 6 | 25 | 186 | 2 | 6 | | |
| 5 | 26 | 190 | 8 | 6 | 26 | 193 | 7 | 10 | | |
| 1 | 27 | 198 | 0 | 6 | 27 | 201 | 1 | 3 | | |
| 9 | 28 | 205 | 4 | 7 | 28 | 208 | 6 | 7 | | |
| 5 | 29 | 212 | 8 | 7 | 29 | 216 | 0 | 0 | | |
| 1 | 30 | 220 | 0 | 7 | 30 | 223 | 5 | 4 | | |
| 9 | 31 | 227 | 4 | 7 | 31 | 230 | 10 | 9 | | |
| 6 | 32 | 234 | 8 | 8 | 32 | 238 | 4 | 2 | | |
| 2 | 33 | 242 | 0 | 8 | 33 | 245 | 9 | 6 | | |
| 10 | 34 | 249 | 4 | 8 | 34 | 253 | 2 | 11 | | |
| 6 | 35 | 256 | 8 | 8 | 35 | 260 | 8 | 3 | | |
| 2 | 36 | 264 | 0 | 9 | 36 | 268 | 1 | 8 | | |
| 10 | 37 | 271 | 4 | 9 | 37 | 275 | 7 | 0 | | |
| 6 | 38 | 278 | 8 | 9 | 38 | 283 | 0 | 5 | | |
| 2 | 39 | 286 | 0 | 9 | 39 | 290 | 5 | 9 | | |
| 10 | 40 | 293 | 4 | 10 | 40 | 297 | 11 | 2 | | |
| 6 | 41 | 300 | 8 | 10 | 41 | 305 | 4 | 7 | | |
| 2 | 42 | 308 | 0 | 10 | 42 | 312 | 9 | 11 | | |
| 10 | 43 | 315 | 4 | 10 | 43 | 320 | 3 | 4 | | |
| 6 | 44 | 322 | 8 | 11 | 44 | 327 | 8 | 8 | | |
| 2 | 45 | 330 | 0 | 11 | 45 | 335 | 2 | 1 | | |
| Quarters of a Foot. | | | | | | | | | | |
| | | Ft. | In. | Pa. | S. | | | Ft. | In. | Pa. S. |
| | $\frac{1}{4}$ | 1 | 10 | 0 | 0 | | $\frac{1}{4}$ | 1 | 10 | 4 0 |
| | $\frac{1}{2}$ | 3 | 8 | 0 | 0 | | $\frac{1}{2}$ | 3 | 8 | 8 0 |
| | $\frac{3}{4}$ | 5 | 6 | 0 | 0 | | $\frac{3}{4}$ | 5 | 7 | 0 0 |

| Ft. long | Side 33 Inch. | | | Ft. long | Side 33 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 7 | 6 | 9 | 1 | 7 | 8 | 1 |
| 2 | 15 | 1 | 6 | 2 | 15 | 4 | 3 |
| 3 | 22 | 8 | 3 | 3 | 23 | 0 | 4 |
| 4 | 30 | 3 | 0 | 4 | 30 | 8 | 6 |
| 5 | 37 | 9 | 9 | 5 | 38 | 4 | 7 |
| 6 | 45 | 4 | 6 | 6 | 46 | 0 | 9 |
| 7 | 52 | 11 | 3 | 7 | 53 | 8 | 10 |
| 8 | 60 | 6 | 0 | 8 | 61 | 5 | 0 |
| 9 | 68 | 0 | 9 | 9 | 69 | 1 | 2 |
| 10 | 75 | 7 | 6 | 10 | 76 | 9 | 3 |
| 11 | 83 | 2 | 3 | 11 | 84 | 5 | 5 |
| 12 | 90 | 9 | 0 | 12 | 92 | 1 | 6 |
| 13 | 98 | 3 | 9 | 13 | 99 | 8 | 8 |
| 14 | 105 | 10 | 6 | 14 | 107 | 5 | 9 |
| 15 | 113 | 5 | 3 | 15 | 115 | 1 | 11 |
| 16 | 121 | 0 | 0 | 16 | 122 | 10 | 1 |
| 17 | 128 | 6 | 9 | 17 | 130 | 6 | 2 |
| 18 | 136 | 1 | 6 | 18 | 138 | 2 | 4 |
| 19 | 143 | 8 | 3 | 19 | 145 | 10 | 5 |
| 20 | 151 | 3 | 0 | 20 | 153 | 6 | 7 |
| 21 | 158 | 9 | 9 | 21 | 161 | 2 | 8 |
| 22 | 166 | 4 | 6 | 22 | 168 | 10 | 10 |
| 23 | 173 | 11 | 3 | 23 | 176 | 6 | 11 |
| 24 | 181 | 6 | 0 | 24 | 184 | 3 | 1 |
| 25 | 189 | 0 | 9 | 25 | 191 | 11 | 3 |
| 26 | 196 | 7 | 6 | 26 | 199 | 7 | 4 |
| 27 | 204 | 2 | 3 | 27 | 207 | 3 | 6 |
| 28 | 211 | 9 | 0 | 28 | 214 | 11 | 7 |
| 29 | 219 | 3 | 9 | 29 | 222 | 7 | 9 |
| 30 | 226 | 10 | 6 | 30 | 230 | 3 | 10 |
| 31 | 234 | 5 | 3 | 31 | 238 | 0 | 0 |
| 32 | 242 | 0 | 0 | 32 | 245 | 8 | 2 |
| 33 | 249 | 6 | 9 | 33 | 253 | 4 | 3 |
| 34 | 257 | 1 | 6 | 34 | 261 | 0 | 5 |
| 35 | 264 | 8 | 3 | 35 | 268 | 8 | 6 |
| 36 | 272 | 3 | 0 | 36 | 276 | 4 | 8 |
| 37 | 279 | 9 | 9 | 37 | 284 | 0 | 9 |
| 38 | 287 | 4 | 6 | 38 | 291 | 8 | 11 |
| 39 | 294 | 11 | 3 | 39 | 299 | 5 | 0 |
| 40 | 302 | 6 | 0 | 40 | 307 | 1 | 2 |
| 41 | 310 | 0 | 9 | 41 | 314 | 9 | 4 |
| 42 | 317 | 7 | 6 | 42 | 322 | 5 | 5 |
| 43 | 325 | 2 | 3 | 43 | 330 | 1 | 7 |
| 44 | 332 | 9 | 0 | 44 | 337 | 9 | 8 |
| 45 | 340 | 3 | 3 | 45 | 345 | 5 | 10 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 1 | 10 | 8 3 | $\frac{1}{4}$ | 1 | 11 | 0 3 |
| $\frac{1}{2}$ | 3 | 9 | 4 6 | $\frac{1}{2}$ | 3 | 10 | 0 6 |
| $\frac{3}{4}$ | 5 | 8 | 0 9 | $\frac{3}{4}$ | 5 | 9 | 0 9 |

| Ft. long | Side 33 $\frac{1}{2}$ | | | Ft. long | Side 33 $\frac{3}{4}$ | | |
|---------------------|-----------------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 7 | 9 | 6 | 1 | 7 | 10 | 11 |
| 2 | 15 | 7 | 0 | 2 | 15 | 9 | 10 |
| 3 | 23 | 4 | 6 | 3 | 23 | 8 | 9 |
| 4 | 31 | 2 | 1 | 4 | 31 | 7 | 8 |
| 5 | 38 | 11 | 7 | 5 | 39 | 6 | 7 |
| 6 | 46 | 9 | 1 | 6 | 47 | 5 | 6 |
| 7 | 54 | 6 | 7 | 7 | 55 | 4 | 5 |
| 8 | 62 | 4 | 2 | 8 | 63 | 3 | 4 |
| 9 | 70 | 1 | 8 | 9 | 71 | 2 | 3 |
| 10 | 77 | 11 | 2 | 10 | 79 | 1 | 2 |
| 11 | 85 | 8 | 8 | 11 | 87 | 0 | 1 |
| 12 | 93 | 6 | 3 | 12 | 94 | 11 | 0 |
| 13 | 101 | 3 | 9 | 13 | 102 | 9 | 11 |
| 14 | 109 | 1 | 3 | 14 | 110 | 8 | 10 |
| 15 | 116 | 10 | 9 | 15 | 118 | 7 | 9 |
| 16 | 124 | 8 | 4 | 16 | 126 | 6 | 9 |
| 17 | 132 | 5 | 10 | 17 | 134 | 5 | 8 |
| 18 | 140 | 3 | 4 | 18 | 142 | 4 | 7 |
| 19 | 148 | 0 | 10 | 19 | 150 | 3 | 6 |
| 20 | 155 | 10 | 5 | 20 | 158 | 2 | 5 |
| 21 | 163 | 7 | 11 | 21 | 166 | 1 | 4 |
| 22 | 171 | 5 | 5 | 22 | 174 | 0 | 3 |
| 23 | 179 | 2 | 11 | 23 | 181 | 11 | 2 |
| 24 | 187 | 0 | 6 | 24 | 189 | 10 | 1 |
| 25 | 194 | 10 | 0 | 25 | 197 | 9 | 0 |
| 26 | 202 | 7 | 6 | 26 | 205 | 7 | 11 |
| 27 | 210 | 5 | 0 | 27 | 213 | 6 | 10 |
| 28 | 218 | 2 | 7 | 28 | 221 | 5 | 9 |
| 29 | 226 | 0 | 1 | 29 | 229 | 4 | 8 |
| 30 | 233 | 9 | 7 | 30 | 237 | 3 | 7 |
| 31 | 241 | 7 | 1 | 31 | 245 | 2 | 6 |
| 32 | 249 | 4 | 8 | 32 | 253 | 1 | 6 |
| 33 | 257 | 2 | 2 | 33 | 261 | 0 | 5 |
| 34 | 264 | 11 | 8 | 34 | 268 | 11 | 4 |
| 35 | 272 | 9 | 2 | 35 | 276 | 10 | 3 |
| 36 | 280 | 6 | 9 | 36 | 284 | 9 | 2 |
| 37 | 288 | 4 | 3 | 37 | 292 | 8 | 1 |
| 38 | 296 | 1 | 9 | 38 | 300 | 7 | 0 |
| 39 | 303 | 11 | 3 | 39 | 308 | 5 | 11 |
| 40 | 311 | 8 | 10 | 40 | 316 | 4 | 10 |
| 41 | 319 | 6 | 4 | 41 | 324 | 3 | 9 |
| 42 | 327 | 3 | 10 | 42 | 332 | 2 | 8 |
| 43 | 335 | 1 | 4 | 43 | 340 | 1 | 7 |
| 44 | 342 | 10 | 11 | 44 | 348 | 0 | 6 |
| 45 | 350 | 8 | 5 | 45 | 355 | 11 | 5 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 1 | 11 | 4 6 | $\frac{1}{4}$ | 1 | 11 | 8 9 |
| $\frac{1}{2}$ | 3 | 10 | 9 0 | $\frac{1}{2}$ | 3 | 11 | 5 6 |
| $\frac{3}{4}$ | 5 | 10 | 1 6 | $\frac{3}{4}$ | 5 | 11 | 2 3 |

| Ft. long | Side 34 Inch. | | | Ft. long | Side 34 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 8 | 0 | 4 | 1 | 8 | 1 | 9 |
| 2 | 16 | 0 | 8 | 2 | 16 | 3 | 6 |
| 3 | 24 | 1 | 0 | 3 | 24 | 5 | 3 |
| 4 | 32 | 1 | 4 | 4 | 32 | 7 | 0 |
| 5 | 40 | 1 | 8 | 5 | 40 | 8 | 9 |
| 6 | 48 | 2 | 0 | 6 | 48 | 10 | 6 |
| 7 | 56 | 2 | 4 | 7 | 57 | 0 | 3 |
| 8 | 64 | 2 | 8 | 8 | 65 | 2 | 0 |
| 9 | 72 | 3 | 0 | 9 | 73 | 3 | 9 |
| 10 | 80 | 3 | 4 | 10 | 81 | 5 | 6 |
| 11 | 88 | 3 | 8 | 11 | 89 | 7 | 3 |
| 12 | 96 | 4 | 0 | 12 | 97 | 9 | 0 |
| 13 | 104 | 4 | 4 | 13 | 105 | 10 | 9 |
| 14 | 112 | 4 | 8 | 14 | 114 | 0 | 7 |
| 15 | 120 | 5 | 0 | 15 | 122 | 2 | 3 |
| 16 | 128 | 5 | 4 | 16 | 130 | 4 | 1 |
| 17 | 136 | 5 | 8 | 17 | 138 | 5 | 10 |
| 18 | 144 | 6 | 0 | 18 | 146 | 7 | 7 |
| 19 | 152 | 6 | 4 | 19 | 154 | 9 | 4 |
| 20 | 160 | 6 | 8 | 20 | 162 | 11 | 1 |
| 21 | 168 | 7 | 0 | 21 | 171 | 0 | 10 |
| 22 | 176 | 7 | 4 | 22 | 179 | 2 | 7 |
| 23 | 184 | 7 | 8 | 23 | 187 | 4 | 4 |
| 24 | 192 | 8 | 0 | 24 | 195 | 6 | 1 |
| 25 | 200 | 8 | 4 | 25 | 203 | 7 | 10 |
| 26 | 208 | 8 | 8 | 26 | 211 | 9 | 7 |
| 27 | 216 | 9 | 0 | 27 | 219 | 11 | 4 |
| 28 | 224 | 9 | 4 | 28 | 228 | 1 | 1 |
| 29 | 232 | 9 | 8 | 29 | 236 | 2 | 10 |
| 30 | 240 | 10 | 0 | 30 | 244 | 4 | 7 |
| 31 | 248 | 10 | 4 | 31 | 252 | 6 | 4 |
| 32 | 256 | 10 | 8 | 32 | 260 | 8 | 2 |
| 33 | 264 | 11 | 0 | 33 | 268 | 9 | 11 |
| 34 | 272 | 11 | 4 | 34 | 276 | 11 | 8 |
| 35 | 280 | 11 | 8 | 35 | 285 | 1 | 5 |
| 36 | 289 | 0 | 0 | 36 | 293 | 3 | 2 |
| 37 | 297 | 0 | 4 | 37 | 301 | 4 | 11 |
| 38 | 305 | 0 | 8 | 38 | 309 | 6 | 8 |
| 39 | 313 | 1 | 0 | 39 | 317 | 8 | 5 |
| 40 | 321 | 1 | 4 | 40 | 325 | 10 | 2 |
| 41 | 329 | 1 | 8 | 41 | 333 | 11 | 11 |
| 42 | 337 | 2 | 0 | 42 | 342 | 1 | 8 |
| 43 | 345 | 2 | 4 | 43 | 350 | 3 | 5 |
| 44 | 353 | 2 | 8 | 44 | 358 | 5 | 2 |
| 45 | 361 | 3 | 0 | 45 | 366 | 6 | 11 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 2 | 0 | 1 0 | $\frac{1}{4}$ | 2 | 0 | 5 3 |
| $\frac{1}{2}$ | 4 | 0 | 2 0 | $\frac{1}{2}$ | 4 | 0 | 10 9 |
| $\frac{3}{4}$ | 6 | 0 | 3 0 | $\frac{3}{4}$ | 6 | 1 | 3 9 |

| Ft. long | Side 34 $\frac{1}{4}$ | | | Ft. long | Side 34 $\frac{1}{4}$ | | |
|---------------------|-----------------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 8 | 3 | 2 | 1 | 8 | 4 | 7 |
| 2 | 16 | 6 | 4 | 2 | 16 | 9 | 3 |
| 3 | 24 | 9 | 6 | 3 | 25 | 1 | 10 |
| 4 | 33 | 0 | 9 | 4 | 33 | 6 | 6 |
| 5 | 41 | 3 | 11 | 5 | 41 | 11 | 1 |
| 6 | 49 | 7 | 1 | 6 | 50 | 3 | 9 |
| 7 | 57 | 10 | 3 | 7 | 58 | 8 | 4 |
| 8 | 66 | 1 | 6 | 8 | 67 | 1 | 0 |
| 9 | 74 | 4 | 8 | 9 | 75 | 5 | 8 |
| 10 | 82 | 7 | 10 | 10 | 83 | 10 | 3 |
| 11 | 90 | 11 | 0 | 11 | 92 | 2 | 11 |
| 12 | 99 | 2 | 3 | 12 | 100 | 7 | 6 |
| 13 | 107 | 5 | 5 | 13 | 109 | 0 | 2 |
| 14 | 115 | 8 | 7 | 14 | 117 | 4 | 9 |
| 15 | 123 | 11 | 9 | 15 | 125 | 9 | 5 |
| 16 | 132 | 3 | 0 | 16 | 134 | 2 | 1 |
| 17 | 140 | 6 | 2 | 17 | 142 | 6 | 8 |
| 18 | 148 | 9 | 4 | 18 | 150 | 11 | 4 |
| 19 | 157 | 0 | 6 | 19 | 159 | 3 | 11 |
| 20 | 165 | 3 | 9 | 20 | 167 | 8 | 7 |
| 21 | 173 | 6 | 11 | 21 | 176 | 1 | 2 |
| 22 | 181 | 10 | 1 | 22 | 184 | 5 | 10 |
| 23 | 190 | 1 | 3 | 23 | 192 | 10 | 5 |
| 24 | 198 | 4 | 6 | 24 | 201 | 3 | 1 |
| 25 | 206 | 7 | 8 | 25 | 209 | 7 | 9 |
| 26 | 214 | 10 | 10 | 26 | 218 | 0 | 4 |
| 27 | 223 | 2 | 0 | 27 | 226 | 5 | 0 |
| 28 | 231 | 5 | 3 | 28 | 234 | 9 | 7 |
| 29 | 239 | 8 | 5 | 29 | 243 | 2 | 3 |
| 30 | 247 | 11 | 7 | 30 | 251 | 6 | 10 |
| 31 | 256 | 2 | 9 | 31 | 259 | 11 | 6 |
| 32 | 264 | 6 | 0 | 32 | 268 | 4 | 2 |
| 33 | 272 | 9 | 2 | 33 | 276 | 8 | 9 |
| 34 | 281 | 0 | 4 | 34 | 285 | 1 | 5 |
| 35 | 289 | 3 | 6 | 35 | 293 | 6 | 0 |
| 36 | 297 | 6 | 9 | 36 | 301 | 10 | 8 |
| 37 | 305 | 9 | 11 | 37 | 310 | 3 | 3 |
| 38 | 314 | 1 | 1 | 38 | 318 | 7 | 11 |
| 39 | 322 | 4 | 3 | 39 | 327 | 0 | 6 |
| 40 | 330 | 7 | 6 | 40 | 335 | 5 | 2 |
| 41 | 338 | 10 | 8 | 41 | 343 | 9 | 10 |
| 42 | 347 | 1 | 10 | 42 | 352 | 2 | 5 |
| 43 | 355 | 5 | 0 | 43 | 360 | 7 | 1 |
| 44 | 363 | 8 | 3 | 44 | 368 | 11 | 8 |
| 45 | 371 | 11 | 5 | 45 | 377 | 4 | 4 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 2 | 0 | 9 6 | $\frac{1}{4}$ | 2 | 1 | 1 9 |
| $\frac{1}{2}$ | 4 | 1 | 7 0 | $\frac{1}{2}$ | 4 | 2 | 3 6 |
| $\frac{3}{4}$ | 6 | 2 | 4 6 | $\frac{3}{4}$ | 6 | 3 | 5 3 |

| Ft. long | Side 35 Inch. | | | Ft. long | Side 35 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 8 | 6 | 1 | 1 | 8 | 7 | 6 |
| 2 | 17 | 0 | 2 | 2 | 17 | 3 | 1 |
| 3 | 25 | 6 | 3 | 3 | 25 | 10 | 7 |
| 4 | 34 | 0 | 4 | 4 | 34 | 6 | 2 |
| 5 | 42 | 6 | 5 | 5 | 43 | 1 | 8 |
| 6 | 51 | 0 | 6 | 6 | 51 | 9 | 3 |
| 7 | 59 | 6 | 7 | 7 | 60 | 4 | 9 |
| 8 | 68 | 0 | 8 | 8 | 69 | 0 | 4 |
| 9 | 76 | 6 | 9 | 9 | 77 | 7 | 11 |
| 10 | 85 | 0 | 10 | 10 | 86 | 3 | 5 |
| 11 | 93 | 6 | 11 | 11 | 94 | 11 | 0 |
| 12 | 102 | 1 | 0 | 12 | 103 | 6 | 6 |
| 13 | 110 | 7 | 1 | 13 | 112 | 2 | 1 |
| 14 | 119 | 1 | 2 | 14 | 120 | 9 | 7 |
| 15 | 127 | 7 | 3 | 15 | 129 | 5 | 2 |
| 16 | 136 | 1 | 4 | 16 | 138 | 0 | 9 |
| 17 | 144 | 7 | 5 | 17 | 146 | 8 | 3 |
| 18 | 153 | 1 | 6 | 18 | 155 | 3 | 10 |
| 19 | 161 | 7 | 7 | 19 | 163 | 11 | 4 |
| 20 | 170 | 1 | 8 | 20 | 172 | 6 | 11 |
| 21 | 178 | 7 | 9 | 21 | 181 | 2 | 5 |
| 22 | 187 | 1 | 10 | 22 | 189 | 10 | 0 |
| 23 | 195 | 7 | 11 | 23 | 198 | 5 | 6 |
| 24 | 204 | 2 | 0 | 24 | 207 | 1 | 1 |
| 25 | 212 | 8 | 1 | 25 | 215 | 8 | 8 |
| 26 | 221 | 2 | 2 | 26 | 224 | 4 | 2 |
| 27 | 229 | 8 | 3 | 27 | 232 | 11 | 9 |
| 28 | 238 | 2 | 4 | 28 | 241 | 7 | 3 |
| 29 | 246 | 8 | 5 | 29 | 250 | 2 | 10 |
| 30 | 255 | 2 | 6 | 30 | 258 | 10 | 4 |
| 31 | 263 | 8 | 7 | 31 | 267 | 5 | 11 |
| 32 | 272 | 2 | 8 | 32 | 276 | 1 | 6 |
| 33 | 280 | 8 | 9 | 33 | 284 | 9 | 0 |
| 34 | 289 | 2 | 10 | 34 | 293 | 4 | 7 |
| 35 | 297 | 8 | 11 | 35 | 302 | 0 | 1 |
| 36 | 306 | 3 | 0 | 36 | 310 | 7 | 8 |
| 37 | 314 | 9 | 1 | 37 | 319 | 3 | 2 |
| 38 | 323 | 3 | 2 | 38 | 327 | 10 | 9 |
| 39 | 331 | 9 | 3 | 39 | 336 | 6 | 3 |
| 40 | 340 | 3 | 4 | 40 | 345 | 1 | 10 |
| 41 | 348 | 9 | 5 | 41 | 353 | 9 | 5 |
| 42 | 357 | 3 | 6 | 42 | 362 | 4 | 11 |
| 43 | 365 | 9 | 7 | 43 | 371 | 0 | 6 |
| 44 | 374 | 3 | 8 | 44 | 379 | 8 | 9 |
| 45 | 382 | 9 | 9 | 45 | 388 | 3 | 7 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 2 | 1 | 6 3 | $\frac{1}{4}$ | 2 | 1 | 10 6 |
| $\frac{1}{2}$ | 4 | 3 | 0 6 | $\frac{1}{2}$ | 4 | 3 | 9 0 |
| $\frac{3}{4}$ | 6 | 4 | 6 9 | $\frac{3}{4}$ | 6 | 5 | 7 6 |

Pa.
6
1
7
2
8
3
9
4
11
5
0
6
1
7
2
9
3
10
4
11
5
0
6
1
8
2
9
3
10
4
11
6
0
7
1
8
2
9
3
10
5
11
6
9
7
Foot.
Pa. S.
0 6
9 0
7 6

| Ft. long | Side 35 $\frac{1}{2}$ | | | Ft. long | Side 35 $\frac{1}{4}$ | | |
|---------------------|-----------------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 8 | 9 | 0 | 1 | 8 | 10 | 6 |
| 2 | 17 | 6 | 0 | 2 | 17 | 9 | 0 |
| 3 | 26 | 3 | 0 | 3 | 26 | 7 | 6 |
| 4 | 35 | 0 | 1 | 4 | 35 | 6 | 0 |
| 5 | 43 | 9 | 1 | 5 | 44 | 4 | 6 |
| 6 | 52 | 6 | 1 | 6 | 53 | 3 | 0 |
| 7 | 61 | 3 | 1 | 7 | 62 | 1 | 6 |
| 8 | 70 | 0 | 2 | 8 | 71 | 0 | 0 |
| 9 | 78 | 9 | 2 | 9 | 79 | 10 | 6 |
| 10 | 87 | 6 | 2 | 10 | 88 | 9 | 0 |
| 11 | 96 | 3 | 2 | 11 | 97 | 7 | 6 |
| 12 | 105 | 0 | 3 | 12 | 106 | 6 | 0 |
| 13 | 113 | 9 | 3 | 13 | 115 | 4 | 6 |
| 14 | 122 | 6 | 3 | 14 | 124 | 3 | 0 |
| 15 | 131 | 3 | 3 | 15 | 133 | 1 | 6 |
| 16 | 140 | 0 | 4 | 16 | 142 | 0 | 1 |
| 17 | 148 | 9 | 4 | 17 | 150 | 10 | 7 |
| 18 | 157 | 6 | 4 | 18 | 159 | 9 | 1 |
| 19 | 166 | 3 | 4 | 19 | 168 | 7 | 7 |
| 20 | 175 | 0 | 5 | 20 | 177 | 6 | 1 |
| 21 | 183 | 9 | 5 | 21 | 186 | 4 | 7 |
| 22 | 192 | 6 | 5 | 22 | 195 | 3 | 1 |
| 23 | 201 | 3 | 5 | 23 | 204 | 1 | 7 |
| 24 | 210 | 0 | 6 | 24 | 213 | 0 | 1 |
| 25 | 218 | 9 | 6 | 25 | 221 | 10 | 7 |
| 26 | 227 | 6 | 6 | 26 | 230 | 9 | 1 |
| 27 | 236 | 3 | 6 | 27 | 239 | 7 | 7 |
| 28 | 245 | 0 | 7 | 28 | 248 | 6 | 1 |
| 29 | 253 | 9 | 7 | 29 | 257 | 4 | 7 |
| 30 | 262 | 6 | 7 | 30 | 266 | 3 | 1 |
| 31 | 271 | 3 | 7 | 31 | 275 | 1 | 7 |
| 32 | 280 | 0 | 8 | 32 | 284 | 0 | 2 |
| 33 | 288 | 9 | 8 | 33 | 292 | 10 | 8 |
| 34 | 297 | 6 | 8 | 34 | 301 | 9 | 2 |
| 35 | 306 | 3 | 8 | 35 | 310 | 7 | 8 |
| 36 | 315 | 0 | 9 | 36 | 319 | 6 | 2 |
| 37 | 323 | 9 | 9 | 37 | 328 | 4 | 8 |
| 38 | 332 | 6 | 9 | 38 | 337 | 3 | 2 |
| 39 | 341 | 3 | 9 | 39 | 346 | 1 | 8 |
| 40 | 350 | 0 | 10 | 40 | 355 | 0 | 2 |
| 41 | 358 | 9 | 10 | 41 | 363 | 10 | 8 |
| 42 | 367 | 6 | 10 | 42 | 372 | 9 | 2 |
| 43 | 376 | 3 | 10 | 43 | 381 | 7 | 8 |
| 44 | 385 | 0 | 11 | 44 | 390 | 6 | 2 |
| 45 | 393 | 9 | 11 | 45 | 399 | 4 | 8 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 2 | 2 | 3 0 | $\frac{1}{4}$ | 2 | 2 | 7 6 |
| $\frac{1}{2}$ | 4 | 4 | 6 0 | $\frac{1}{2}$ | 4 | 5 | 3 0 |
| $\frac{3}{4}$ | 6 | 6 | 9 0 | $\frac{3}{4}$ | 6 | 7 | 10 6 |

| Ft. long | Side 36 Inch. | | | Ft. long | Side 36 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 9 | 0 | 0 | 1 | 9 | 1 | 6 |
| 2 | 18 | 0 | 0 | 2 | 18 | 3 | 0 |
| 3 | 27 | 0 | 0 | 3 | 27 | 4 | 6 |
| 4 | 36 | 0 | 0 | 4 | 36 | 6 | 0 |
| 5 | 45 | 0 | 0 | 5 | 45 | 7 | 6 |
| 6 | 54 | 0 | 0 | 6 | 54 | 9 | 0 |
| 7 | 63 | 0 | 0 | 7 | 63 | 10 | 6 |
| 8 | 72 | 0 | 0 | 8 | 73 | 0 | 0 |
| 9 | 81 | 0 | 0 | 9 | 82 | 1 | 6 |
| 10 | 90 | 0 | 0 | 10 | 91 | 3 | 0 |
| 11 | 99 | 0 | 0 | 11 | 100 | 4 | 6 |
| 12 | 108 | 0 | 0 | 12 | 109 | 6 | 0 |
| 13 | 117 | 0 | 0 | 13 | 118 | 7 | 6 |
| 14 | 126 | 0 | 0 | 14 | 127 | 9 | 0 |
| 15 | 135 | 0 | 0 | 15 | 136 | 10 | 6 |
| 16 | 144 | 0 | 0 | 16 | 146 | 0 | 1 |
| 17 | 153 | 0 | 0 | 17 | 155 | 1 | 7 |
| 18 | 162 | 0 | 0 | 18 | 164 | 3 | 1 |
| 19 | 171 | 0 | 0 | 19 | 173 | 4 | 7 |
| 20 | 180 | 0 | 0 | 20 | 182 | 6 | 1 |
| 21 | 189 | 0 | 0 | 21 | 191 | 7 | 7 |
| 22 | 198 | 0 | 0 | 22 | 200 | 9 | 1 |
| 23 | 207 | 0 | 0 | 23 | 209 | 10 | 7 |
| 24 | 216 | 0 | 0 | 24 | 219 | 0 | 1 |
| 25 | 225 | 0 | 0 | 25 | 228 | 1 | 7 |
| 26 | 234 | 0 | 0 | 26 | 237 | 3 | 1 |
| 27 | 243 | 0 | 0 | 27 | 246 | 4 | 7 |
| 28 | 252 | 0 | 0 | 28 | 255 | 6 | 1 |
| 29 | 261 | 0 | 0 | 29 | 264 | 7 | 7 |
| 30 | 270 | 0 | 0 | 30 | 273 | 9 | 1 |
| 31 | 279 | 0 | 0 | 31 | 282 | 10 | 7 |
| 32 | 288 | 0 | 0 | 32 | 292 | 0 | 2 |
| 33 | 297 | 0 | 0 | 33 | 301 | 1 | 8 |
| 34 | 306 | 0 | 0 | 34 | 310 | 3 | 2 |
| 35 | 315 | 0 | 0 | 35 | 319 | 4 | 8 |
| 36 | 324 | 0 | 0 | 36 | 328 | 6 | 2 |
| 37 | 333 | 0 | 0 | 37 | 337 | 7 | 8 |
| 38 | 342 | 0 | 0 | 38 | 346 | 9 | 2 |
| 39 | 351 | 0 | 0 | 39 | 355 | 10 | 8 |
| 40 | 360 | 0 | 0 | 40 | 365 | 0 | 2 |
| 41 | 369 | 0 | 0 | 41 | 374 | 1 | 8 |
| 42 | 378 | 0 | 0 | 42 | 383 | 3 | 2 |
| 43 | 387 | 0 | 0 | 43 | 392 | 4 | 8 |
| 44 | 396 | 0 | 0 | 44 | 401 | 6 | 2 |
| 45 | 405 | 0 | 0 | 45 | 410 | 7 | 8 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 2 | 3 | 0 0 | $\frac{1}{4}$ | 2 | 3 | 4 6 |
| $\frac{1}{2}$ | 4 | 6 | 0 0 | $\frac{1}{2}$ | 4 | 6 | 9 0 |
| $\frac{3}{4}$ | 6 | 9 | 0 0 | $\frac{3}{4}$ | 6 | 10 | 1 6 |

| Ft. long | Side 36 $\frac{1}{4}$ | | | Ft. long | Side 36 $\frac{3}{4}$ | | |
|---------------------|-----------------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 9 | 3 | 0 | 1 | 9 | 4 | 6 |
| 2 | 18 | 6 | 0 | 2 | 18 | 9 | 1 |
| 3 | 27 | 9 | 0 | 3 | 28 | 1 | 7 |
| 4 | 37 | 0 | 1 | 4 | 37 | 6 | 2 |
| 5 | 46 | 3 | 1 | 5 | 46 | 10 | 8 |
| 6 | 55 | 6 | 1 | 6 | 56 | 3 | 3 |
| 7 | 64 | 9 | 1 | 7 | 65 | 7 | 9 |
| 8 | 74 | 0 | 2 | 8 | 75 | 0 | 4 |
| 9 | 83 | 3 | 2 | 9 | 84 | 4 | 11 |
| 10 | 92 | 6 | 2 | 10 | 93 | 9 | 5 |
| 11 | 101 | 9 | 2 | 11 | 103 | 2 | 0 |
| 12 | 111 | 0 | 3 | 12 | 112 | 6 | 6 |
| 13 | 120 | 3 | 3 | 13 | 121 | 11 | 1 |
| 14 | 129 | 6 | 3 | 14 | 131 | 3 | 7 |
| 15 | 138 | 9 | 3 | 15 | 140 | 8 | 2 |
| 16 | 148 | 0 | 4 | 16 | 150 | 0 | 9 |
| 17 | 157 | 3 | 4 | 17 | 159 | 5 | 3 |
| 18 | 166 | 6 | 4 | 18 | 168 | 9 | 10 |
| 19 | 175 | 9 | 4 | 19 | 178 | 2 | 4 |
| 20 | 185 | 0 | 5 | 20 | 187 | 6 | 11 |
| 21 | 194 | 3 | 5 | 21 | 196 | 11 | 5 |
| 22 | 203 | 6 | 5 | 22 | 206 | 4 | 0 |
| 23 | 212 | 9 | 5 | 23 | 215 | 8 | 6 |
| 24 | 222 | 0 | 6 | 24 | 225 | 1 | 1 |
| 25 | 231 | 3 | 6 | 25 | 234 | 5 | 8 |
| 26 | 240 | 6 | 6 | 26 | 243 | 10 | 2 |
| 27 | 249 | 9 | 6 | 27 | 253 | 2 | 9 |
| 28 | 259 | 0 | 7 | 28 | 262 | 7 | 3 |
| 29 | 268 | 3 | 7 | 29 | 271 | 11 | 10 |
| 30 | 277 | 6 | 7 | 30 | 281 | 4 | 4 |
| 31 | 289 | 9 | 7 | 31 | 290 | 8 | 11 |
| 32 | 296 | 0 | 8 | 32 | 300 | 1 | 6 |
| 33 | 305 | 3 | 8 | 33 | 309 | 6 | 0 |
| 34 | 314 | 6 | 8 | 34 | 318 | 10 | 7 |
| 35 | 323 | 9 | 8 | 35 | 328 | 3 | 1 |
| 36 | 333 | 0 | 9 | 36 | 337 | 7 | 8 |
| 37 | 342 | 3 | 9 | 37 | 347 | 0 | 2 |
| 38 | 351 | 6 | 9 | 38 | 356 | 4 | 9 |
| 39 | 360 | 9 | 9 | 39 | 365 | 9 | 3 |
| 40 | 370 | 0 | 10 | 40 | 375 | 1 | 10 |
| 41 | 379 | 3 | 10 | 41 | 384 | 6 | 5 |
| 42 | 388 | 6 | 10 | 42 | 393 | 10 | 11 |
| 43 | 397 | 9 | 10 | 43 | 403 | 3 | 6 |
| 44 | 407 | 0 | 11 | 44 | 412 | 8 | 0 |
| 45 | 416 | 3 | 11 | 45 | 422 | 0 | 7 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 2 | 3 | 9 0 | $\frac{1}{4}$ | 2 | 4 | 1 6 |
| $\frac{1}{2}$ | 4 | 7 | 6 0 | $\frac{1}{2}$ | 4 | 8 | 3 0 |
| $\frac{3}{4}$ | 6 | 11 | 3 0 | $\frac{3}{4}$ | 7 | 0 | 4 6 |

| Ft. long | Side 37 Inch. | | | Ft. long | Side 37 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 9 | 6 | 1 | 1 | 9 | 7 | 7 |
| 2 | 19 | 0 | 2 | 2 | 19 | 3 | 3 |
| 3 | 28 | 6 | 3 | 3 | 28 | 10 | 10 |
| 4 | 38 | 0 | 4 | 4 | 38 | 6 | 6 |
| 5 | 47 | 6 | 5 | 5 | 48 | 2 | 1 |
| 6 | 57 | 0 | 6 | 6 | 57 | 9 | 9 |
| 7 | 66 | 6 | 7 | 7 | 67 | 5 | 4 |
| 8 | 76 | 0 | 8 | 8 | 77 | 1 | 0 |
| 9 | 85 | 6 | 9 | 9 | 86 | 8 | 8 |
| 10 | 95 | 0 | 10 | 10 | 96 | 4 | 3 |
| 11 | 104 | 6 | 11 | 11 | 105 | 11 | 11 |
| 12 | 114 | 1 | 0 | 12 | 115 | 7 | 6 |
| 13 | 123 | 7 | 1 | 13 | 125 | 3 | 2 |
| 14 | 133 | 1 | 2 | 14 | 134 | 10 | 9 |
| 15 | 142 | 7 | 3 | 15 | 144 | 6 | 5 |
| 16 | 152 | 1 | 4 | 16 | 154 | 2 | 1 |
| 17 | 161 | 7 | 5 | 17 | 163 | 9 | 8 |
| 18 | 171 | 1 | 6 | 18 | 173 | 5 | 4 |
| 19 | 180 | 7 | 7 | 19 | 183 | 0 | 11 |
| 20 | 190 | 1 | 8 | 20 | 192 | 8 | 7 |
| 21 | 199 | 7 | 9 | 21 | 202 | 4 | 2 |
| 22 | 209 | 1 | 10 | 22 | 211 | 11 | 10 |
| 23 | 218 | 7 | 11 | 23 | 221 | 7 | 5 |
| 24 | 228 | 2 | 0 | 24 | 231 | 3 | 1 |
| 25 | 237 | 8 | 1 | 25 | 240 | 10 | 9 |
| 26 | 247 | 2 | 2 | 26 | 250 | 6 | 4 |
| 27 | 256 | 8 | 3 | 27 | 260 | 2 | 0 |
| 28 | 266 | 2 | 4 | 28 | 269 | 9 | 9 |
| 29 | 275 | 8 | 5 | 29 | 279 | 5 | 3 |
| 30 | 285 | 2 | 6 | 30 | 289 | 0 | 10 |
| 31 | 294 | 8 | 7 | 31 | 298 | 8 | 6 |
| 32 | 304 | 2 | 8 | 32 | 308 | 4 | 2 |
| 33 | 313 | 8 | 9 | 33 | 317 | 11 | 9 |
| 34 | 323 | 2 | 10 | 34 | 327 | 7 | 5 |
| 35 | 332 | 8 | 10 | 35 | 337 | 3 | 0 |
| 36 | 342 | 3 | 0 | 36 | 346 | 10 | 8 |
| 37 | 351 | 9 | 1 | 37 | 356 | 6 | 3 |
| 38 | 361 | 3 | 2 | 38 | 366 | 1 | 11 |
| 39 | 370 | 9 | 3 | 39 | 375 | 9 | 6 |
| 40 | 380 | 3 | 4 | 40 | 385 | 5 | 2 |
| 41 | 389 | 9 | 5 | 41 | 395 | 0 | 10 |
| 42 | 399 | 3 | 6 | 42 | 404 | 8 | 5 |
| 43 | 408 | 9 | 7 | 43 | 414 | 4 | 1 |
| 44 | 418 | 3 | 8 | 44 | 423 | 11 | 8 |
| 45 | 427 | 9 | 9 | 45 | 433 | 7 | 4 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 2 | 4 | 6 3 | $\frac{1}{4}$ | 2 | 4 | 10 9 |
| $\frac{1}{2}$ | 4 | 9 | 0 6 | $\frac{1}{2}$ | 4 | 9 | 9 6 |
| $\frac{3}{4}$ | 7 | 1 | 6 9 | $\frac{3}{4}$ | 7 | 2 | 8 3 |

| Pa. | Ft. long | Side 37 $\frac{1}{2}$ | | | Ft. long | Pa. | Side 37 $\frac{3}{4}$ | | |
|---------------------|----------|-----------------------|-----|-----|---------------|-----|-----------------------|-----|-----|
| | | Ft. | In. | Pa. | | | Ft. | In. | Pa. |
| 7 | 1 | 9 | 9 | 2 | 1 | 9 | 10 | 9 | |
| 3 | 2 | 19 | 6 | 4 | 2 | 19 | 9 | 6 | |
| 10 | 3 | 29 | 3 | 6 | 3 | 29 | 8 | 3 | |
| 6 | 4 | 39 | 0 | 9 | 4 | 39 | 7 | 0 | |
| 1 | 5 | 48 | 9 | 11 | 5 | 49 | 5 | 9 | |
| 9 | 6 | 58 | 7 | 1 | 6 | 59 | 4 | 6 | |
| 4 | 7 | 68 | 4 | 3 | 7 | 69 | 3 | 3 | |
| 0 | 8 | 78 | 1 | 6 | 8 | 79 | 2 | 0 | |
| 8 | 9 | 87 | 10 | 8 | 9 | 89 | 0 | 9 | |
| 3 | 10 | 97 | 7 | 10 | 10 | 98 | 11 | 6 | |
| 11 | 11 | 107 | 5 | 0 | 11 | 108 | 10 | 3 | |
| 6 | 12 | 117 | 2 | 3 | 12 | 118 | 9 | 0 | |
| 2 | 13 | 126 | 11 | 5 | 13 | 128 | 7 | 9 | |
| 9 | 14 | 136 | 8 | 7 | 14 | 138 | 6 | 6 | |
| 5 | 15 | 146 | 5 | 9 | 15 | 148 | 5 | 3 | |
| 1 | 16 | 156 | 3 | 0 | 16 | 158 | 4 | 1 | |
| 8 | 17 | 166 | 0 | 2 | 17 | 168 | 2 | 10 | |
| 4 | 18 | 175 | 9 | 4 | 18 | 178 | 1 | 7 | |
| 11 | 19 | 185 | 6 | 6 | 19 | 188 | 0 | 4 | |
| 7 | 20 | 195 | 3 | 9 | 20 | 197 | 11 | 1 | |
| 2 | 21 | 205 | 0 | 11 | 21 | 207 | 9 | 10 | |
| 10 | 22 | 214 | 10 | 1 | 22 | 217 | 8 | 7 | |
| 5 | 23 | 224 | 7 | 3 | 23 | 227 | 7 | 4 | |
| 1 | 24 | 234 | 4 | 6 | 24 | 237 | 6 | 1 | |
| 9 | 25 | 244 | 1 | 8 | 25 | 247 | 4 | 10 | |
| 4 | 26 | 253 | 10 | 10 | 26 | 257 | 3 | 7 | |
| 0 | 27 | 263 | 8 | 0 | 27 | 267 | 2 | 4 | |
| 9 | 28 | 273 | 5 | 3 | 28 | 277 | 1 | 1 | |
| 3 | 29 | 283 | 2 | 5 | 29 | 286 | 11 | 10 | |
| 10 | 30 | 292 | 11 | 7 | 30 | 296 | 10 | 7 | |
| 6 | 31 | 302 | 8 | 9 | 31 | 306 | 9 | 4 | |
| 2 | 32 | 312 | 6 | 0 | 32 | 316 | 8 | 2 | |
| 9 | 33 | 322 | 3 | 2 | 33 | 326 | 6 | 11 | |
| 5 | 34 | 332 | 0 | 4 | 34 | 336 | 5 | 8 | |
| 0 | 35 | 341 | 9 | 6 | 35 | 346 | 4 | 5 | |
| 8 | 36 | 351 | 6 | 9 | 36 | 356 | 3 | 2 | |
| 3 | 37 | 361 | 3 | 11 | 37 | 366 | 1 | 11 | |
| 11 | 38 | 371 | 1 | 1 | 38 | 376 | 0 | 8 | |
| 6 | 39 | 380 | 10 | 3 | 39 | 385 | 11 | 5 | |
| 2 | 40 | 390 | 7 | 6 | 40 | 395 | 10 | 2 | |
| 10 | 41 | 400 | 4 | 8 | 41 | 405 | 8 | 11 | |
| 5 | 42 | 410 | 1 | 10 | 42 | 415 | 7 | 8 | |
| 1 | 43 | 419 | 11 | 0 | 43 | 425 | 6 | 5 | |
| 8 | 44 | 429 | 8 | 3 | 44 | 435 | 5 | 2 | |
| 4 | 45 | 439 | 5 | 5 | 45 | 445 | 3 | 11 | |
| Quarters of a Foot. | | | | | | | | | |
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| $\frac{1}{4}$ | 2 | 5 | 3 | 6 | $\frac{1}{4}$ | 2 | 5 | 8 | 3 |
| $\frac{1}{2}$ | 4 | 10 | 7 | 0 | $\frac{1}{2}$ | 4 | 11 | 4 | 6 |
| $\frac{3}{4}$ | 7 | 3 | 10 | 6 | $\frac{3}{4}$ | 7 | 5 | 0 | 9 |

| Ft. long | Side 38 Inch. | | | Ft. long | Side 38 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 10 | 0 | 4 | 1 | 10 | 1 | 11 |
| 2 | 20 | 0 | 8 | 2 | 20 | 3 | 10 |
| 3 | 30 | 1 | 0 | 3 | 30 | 5 | 9 |
| 4 | 40 | 1 | 4 | 4 | 40 | 7 | 8 |
| 5 | 50 | 1 | 8 | 5 | 50 | 9 | 7 |
| 6 | 60 | 2 | 0 | 6 | 60 | 11 | 6 |
| 7 | 70 | 2 | 4 | 7 | 71 | 1 | 5 |
| 8 | 80 | 2 | 8 | 8 | 81 | 3 | 4 |
| 9 | 90 | 3 | 0 | 9 | 91 | 5 | 3 |
| 10 | 100 | 3 | 4 | 10 | 101 | 7 | 2 |
| 11 | 110 | 3 | 8 | 11 | 111 | 9 | 1 |
| 12 | 120 | 4 | 0 | 12 | 121 | 11 | 0 |
| 13 | 130 | 4 | 4 | 13 | 132 | 0 | 11 |
| 14 | 140 | 4 | 8 | 14 | 142 | 2 | 10 |
| 15 | 150 | 5 | 0 | 15 | 152 | 4 | 9 |
| 16 | 160 | 5 | 4 | 16 | 162 | 6 | 6 |
| 17 | 170 | 5 | 8 | 17 | 172 | 8 | 8 |
| 18 | 180 | 6 | 0 | 18 | 182 | 10 | 7 |
| 19 | 190 | 6 | 4 | 19 | 193 | 0 | 6 |
| 20 | 200 | 6 | 8 | 20 | 203 | 2 | 5 |
| 21 | 210 | 7 | 0 | 21 | 213 | 4 | 4 |
| 22 | 220 | 7 | 4 | 22 | 223 | 6 | 3 |
| 23 | 230 | 7 | 8 | 23 | 233 | 8 | 2 |
| 24 | 240 | 8 | 0 | 24 | 243 | 10 | 1 |
| 25 | 250 | 8 | 4 | 25 | 254 | 0 | 0 |
| 26 | 260 | 8 | 8 | 26 | 264 | 1 | 11 |
| 27 | 270 | 9 | 0 | 27 | 274 | 3 | 10 |
| 28 | 280 | 9 | 4 | 28 | 284 | 5 | 9 |
| 29 | 290 | 9 | 8 | 29 | 294 | 7 | 8 |
| 30 | 300 | 10 | 0 | 30 | 304 | 9 | 7 |
| 31 | 310 | 10 | 4 | 31 | 314 | 11 | 6 |
| 32 | 320 | 10 | 8 | 32 | 325 | 1 | 6 |
| 33 | 330 | 11 | 0 | 33 | 335 | 3 | 5 |
| 34 | 340 | 11 | 4 | 34 | 345 | 5 | 4 |
| 35 | 350 | 11 | 8 | 35 | 355 | 7 | 3 |
| 36 | 361 | 0 | 0 | 36 | 365 | 9 | 2 |
| 37 | 371 | 0 | 4 | 37 | 375 | 11 | 1 |
| 38 | 381 | 0 | 8 | 38 | 386 | 1 | 0 |
| 39 | 391 | 1 | 0 | 39 | 396 | 2 | 11 |
| 40 | 401 | 1 | 4 | 40 | 406 | 4 | 10 |
| 41 | 411 | 1 | 8 | 41 | 416 | 6 | 9 |
| 42 | 421 | 2 | 0 | 42 | 426 | 8 | 8 |
| 43 | 431 | 2 | 4 | 43 | 436 | 10 | 7 |
| 44 | 441 | 2 | 8 | 44 | 447 | 0 | 6 |
| 45 | 451 | 3 | 0 | 45 | 457 | 2 | 5 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 2 | 6 | 1 0 | $\frac{1}{4}$ | 2 | 6 | 5 9 |
| $\frac{1}{2}$ | 5 | 0 | 2 0 | $\frac{1}{2}$ | 5 | 0 | 11 6 |
| $\frac{3}{4}$ | 7 | 6 | 3 0 | $\frac{3}{4}$ | 7 | 7 | 5 3 |

| Side $38\frac{1}{2}$ | | | | Side $38\frac{3}{4}$ | | | |
|----------------------|-----|-----|--------|----------------------|-----|-----|--------|
| <i>Ft. long</i> | Ft. | In. | Pa. | <i>Ft. long</i> | Ft. | In. | Pa. |
| 1 | 10 | 3 | 6 | 1 | 10 | 5 | 1 |
| 2 | 20 | 7 | 0 | 2 | 20 | 10 | 3 |
| 3 | 30 | 10 | 6 | 3 | 31 | 3 | 4 |
| 4 | 41 | 2 | 1 | 4 | 41 | 8 | 6 |
| 5 | 51 | 5 | 7 | 5 | 52 | 1 | 7 |
| 6 | 61 | 9 | 1 | 6 | 62 | 6 | 9 |
| 7 | 72 | 0 | 7 | 7 | 72 | 11 | 10 |
| 8 | 82 | 4 | 2 | 8 | 83 | 5 | 0 |
| 9 | 92 | 7 | 8 | 9 | 93 | 10 | 2 |
| 10 | 102 | 11 | 2 | 10 | 104 | 3 | 3 |
| 11 | 113 | 2 | 8 | 11 | 114 | 8 | 5 |
| 12 | 123 | 6 | 3 | 12 | 125 | 1 | 6 |
| 13 | 133 | 9 | 9 | 13 | 135 | 6 | 8 |
| 14 | 144 | 1 | 3 | 14 | 145 | 11 | 9 |
| 15 | 154 | 4 | 9 | 15 | 156 | 4 | 11 |
| 16 | 164 | 8 | 4 | 16 | 166 | 10 | 1 |
| 17 | 174 | 11 | 10 | 17 | 177 | 3 | 2 |
| 18 | 185 | 3 | 4 | 18 | 187 | 8 | 4 |
| 19 | 195 | 6 | 10 | 19 | 198 | 1 | 5 |
| 20 | 205 | 10 | 5 | 20 | 208 | 6 | 7 |
| 21 | 216 | 1 | 11 | 21 | 218 | 11 | 8 |
| 22 | 226 | 5 | 5 | 22 | 229 | 4 | 10 |
| 23 | 236 | 8 | 11 | 23 | 239 | 9 | 11 |
| 24 | 247 | 0 | 6 | 24 | 250 | 3 | 1 |
| 25 | 257 | 4 | 0 | 25 | 260 | 8 | 3 |
| 26 | 267 | 7 | 6 | 26 | 271 | 1 | 4 |
| 27 | 277 | 11 | 0 | 27 | 281 | 6 | 6 |
| 28 | 288 | 2 | 7 | 28 | 291 | 11 | 7 |
| 29 | 298 | 6 | 1 | 29 | 302 | 4 | 9 |
| 30 | 308 | 9 | 7 | 30 | 312 | 9 | 10 |
| 31 | 319 | 1 | 1 | 31 | 323 | 3 | 0 |
| 32 | 329 | 4 | 8 | 32 | 333 | 8 | 2 |
| 33 | 339 | 8 | 2 | 33 | 344 | 1 | 3 |
| 34 | 349 | 11 | 8 | 34 | 354 | 6 | 5 |
| 35 | 360 | 3 | 2 | 35 | 364 | 11 | 6 |
| 36 | 370 | 6 | 9 | 36 | 375 | 4 | 8 |
| 37 | 380 | 10 | 3 | 37 | 385 | 9 | 9 |
| 38 | 391 | 1 | 9 | 38 | 396 | 2 | 11 |
| 39 | 401 | 5 | 3 | 39 | 406 | 8 | 0 |
| 40 | 411 | 8 | 10 | 40 | 417 | 1 | 2 |
| 41 | 422 | 0 | 4 | 41 | 427 | 6 | 4 |
| 42 | 432 | 3 | 10 | 42 | 437 | 11 | 5 |
| 43 | 442 | 7 | 4 | 43 | 448 | 4 | 7 |
| 44 | 452 | 10 | 11 | 44 | 458 | 9 | 8 |
| 45 | 463 | 2 | 5 | 45 | 469 | 2 | 10 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 2 | 6 | 10 6 | $\frac{1}{4}$ | 2 | 7 | 3 3 |
| $\frac{1}{2}$ | 5 | 1 | 9 8 | $\frac{1}{2}$ | 5 | 2 | 6 6 |
| $\frac{3}{4}$ | 7 | 8 | 7 6 | $\frac{3}{4}$ | 7 | 0 | 0 0 |

| Ft. long | Side 39 Inch. | | | Ft. long | Side 39 $\frac{1}{4}$ | | | | |
|---------------------|---------------|-----|-----|---------------------|-----------------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. | | |
| 1 | 10 | 6 | 9 | 1 | 10 | 8 | 4 | | |
| 2 | 21 | 1 | 6 | 2 | 21 | 4 | 9 | | |
| 3 | 31 | 8 | 3 | 3 | 32 | 1 | 1 | | |
| 4 | 42 | 3 | 0 | 4 | 42 | 9 | 6 | | |
| 5 | 52 | 9 | 9 | 5 | 53 | 5 | 10 | | |
| 6 | 63 | 4 | 6 | 6 | 64 | 2 | 3 | | |
| 7 | 73 | 11 | 3 | 7 | 74 | 10 | 7 | | |
| 8 | 84 | 6 | 0 | 8 | 85 | 7 | 0 | | |
| 9 | 95 | 0 | 9 | 9 | 96 | 3 | 5 | | |
| 10 | 105 | 7 | 6 | 10 | 106 | 11 | 9 | | |
| 11 | 116 | 2 | 3 | 11 | 117 | 8 | 2 | | |
| 12 | 126 | 9 | 0 | 12 | 128 | 4 | 6 | | |
| 13 | 137 | 3 | 9 | 13 | 139 | 0 | 11 | | |
| 14 | 147 | 10 | 6 | 14 | 149 | 9 | 3 | | |
| 15 | 158 | 5 | 3 | 15 | 160 | 5 | 8 | | |
| 16 | 169 | 0 | 0 | 16 | 171 | 2 | 1 | | |
| 17 | 179 | 6 | 9 | 17 | 181 | 10 | 5 | | |
| 18 | 190 | 1 | 6 | 18 | 192 | 6 | 10 | | |
| 19 | 200 | 8 | 3 | 19 | 203 | 3 | 2 | | |
| 20 | 211 | 3 | 0 | 20 | 213 | 11 | 7 | | |
| 21 | 221 | 9 | 9 | 21 | 224 | 7 | 11 | | |
| 22 | 232 | 4 | 6 | 22 | 235 | 4 | 4 | | |
| 23 | 242 | 11 | 3 | 23 | 246 | 0 | 8 | | |
| 24 | 253 | 6 | 0 | 24 | 256 | 9 | 1 | | |
| 25 | 264 | 0 | 9 | 25 | 267 | 5 | 6 | | |
| 26 | 274 | 7 | 6 | 26 | 278 | 1 | 10 | | |
| 27 | 285 | 2 | 3 | 27 | 288 | 10 | 3 | | |
| 28 | 295 | 9 | 0 | 28 | 299 | 6 | 7 | | |
| 29 | 306 | 3 | 9 | 29 | 310 | 3 | 0 | | |
| 30 | 316 | 10 | 6 | 30 | 320 | 11 | 4 | | |
| 31 | 327 | 5 | 3 | 31 | 331 | 7 | 9 | | |
| 32 | 338 | 0 | 0 | 32 | 342 | 4 | 2 | | |
| 33 | 348 | 6 | 9 | 33 | 353 | 0 | 6 | | |
| 34 | 359 | 1 | 6 | 34 | 363 | 8 | 11 | | |
| 35 | 369 | 8 | 3 | 35 | 374 | 5 | 3 | | |
| 36 | 380 | 3 | 0 | 36 | 385 | 1 | 8 | | |
| 37 | 390 | 9 | 9 | 37 | 395 | 10 | 0 | | |
| 38 | 401 | 4 | 6 | 38 | 406 | 6 | 5 | | |
| 39 | 411 | 11 | 3 | 39 | 417 | 2 | 9 | | |
| 40 | 422 | 6 | 0 | 40 | 427 | 11 | 2 | | |
| 41 | 433 | 0 | 9 | 41 | 438 | 7 | 7 | | |
| 42 | 443 | 7 | 6 | 42 | 449 | 3 | 11 | | |
| 43 | 454 | 2 | 3 | 43 | 460 | 0 | 4 | | |
| 44 | 464 | 9 | 0 | 44 | 470 | 8 | 8 | | |
| 45 | 475 | 3 | 9 | 45 | 481 | 5 | 1 | | |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | | | |
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| $\frac{1}{4}$ | 2 | 7 | 8 | 3 | $\frac{1}{4}$ | 2 | 8 | 1 | 0 |
| $\frac{1}{2}$ | 5 | 3 | 4 | 6 | $\frac{1}{2}$ | 5 | 4 | 2 | 0 |
| $\frac{3}{4}$ | 7 | 11 | 0 | 9 | $\frac{3}{4}$ | 8 | 0 | 3 | 0 |

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0
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9
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7
11
4
8
1
Foot.
Pa. S.
1 0
2 0
3 0

| Side 39 $\frac{1}{2}$ | | | | Side 39 $\frac{3}{4}$ | | | |
|-----------------------|-----|-----|--------|-----------------------|-----|-----|--------|
| <i>Ft. long</i> | Ft. | In. | Pa. | <i>Ft. long</i> | Ft. | In. | Pa. |
| 1 | 10 | 10 | 0 | 1 | 10 | 11 | 8 |
| 2 | 21 | 8 | 0 | 2 | 21 | 11 | 4 |
| 3 | 32 | 6 | 0 | 3 | 32 | 11 | 0 |
| 4 | 43 | 4 | 1 | 4 | 43 | 10 | 8 |
| 5 | 54 | 2 | 1 | 5 | 54 | 10 | 4 |
| 6 | 65 | 0 | 1 | 6 | 65 | 10 | 0 |
| 7 | 75 | 10 | 1 | 7 | 76 | 9 | 8 |
| 8 | 86 | 8 | 2 | 8 | 87 | 9 | 4 |
| 9 | 97 | 6 | 2 | 9 | 98 | 9 | 0 |
| 10 | 108 | 4 | 2 | 10 | 109 | 8 | 8 |
| 11 | 119 | 2 | 2 | 11 | 120 | 8 | 4 |
| 12 | 130 | 0 | 3 | 12 | 131 | 8 | 0 |
| 13 | 140 | 10 | 3 | 13 | 142 | 7 | 8 |
| 14 | 151 | 8 | 3 | 14 | 153 | 7 | 4 |
| 15 | 162 | 6 | 3 | 15 | 164 | 7 | 0 |
| 16 | 173 | 4 | 4 | 16 | 175 | 6 | 8 |
| 17 | 184 | 2 | 4 | 17 | 186 | 6 | 4 |
| 18 | 195 | 0 | 4 | 18 | 197 | 6 | 0 |
| 19 | 205 | 10 | 4 | 19 | 208 | 5 | 9 |
| 20 | 216 | 8 | 5 | 20 | 219 | 5 | 5 |
| 21 | 227 | 6 | 5 | 21 | 230 | 5 | 1 |
| 22 | 238 | 4 | 5 | 22 | 241 | 4 | 9 |
| 23 | 249 | 2 | 5 | 23 | 252 | 4 | 5 |
| 24 | 260 | 0 | 6 | 24 | 263 | 4 | 1 |
| 25 | 270 | 10 | 6 | 25 | 274 | 3 | 9 |
| 26 | 281 | 8 | 6 | 26 | 285 | 3 | 5 |
| 27 | 292 | 6 | 6 | 27 | 296 | 3 | 1 |
| 28 | 303 | 4 | 7 | 28 | 307 | 2 | 9 |
| 29 | 314 | 2 | 7 | 29 | 318 | 2 | 5 |
| 30 | 325 | 0 | 7 | 30 | 329 | 2 | 1 |
| 31 | 335 | 10 | 7 | 31 | 340 | 1 | 9 |
| 32 | 346 | 8 | 8 | 32 | 351 | 1 | 6 |
| 33 | 357 | 6 | 8 | 33 | 362 | 1 | 2 |
| 34 | 368 | 4 | 8 | 34 | 373 | 0 | 10 |
| 35 | 379 | 2 | 8 | 35 | 384 | 0 | 6 |
| 36 | 390 | 0 | 9 | 36 | 395 | 0 | 2 |
| 37 | 400 | 10 | 9 | 37 | 405 | 11 | 10 |
| 38 | 411 | 8 | 9 | 38 | 416 | 11 | 6 |
| 39 | 422 | 6 | 9 | 39 | 427 | 11 | 2 |
| 40 | 433 | 4 | 10 | 40 | 438 | 10 | 10 |
| 41 | 444 | 2 | 10 | 41 | 449 | 10 | 6 |
| 42 | 455 | 0 | 10 | 42 | 460 | 10 | 2 |
| 43 | 465 | 10 | 10 | 43 | 471 | 9 | 10 |
| 44 | 476 | 8 | 11 | 44 | 482 | 9 | 6 |
| 45 | 487 | 6 | 11 | 45 | 493 | 9 | 2 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 2 | 8 | 6 0 | $\frac{1}{4}$ | 2 | 8 | 11 0 |
| $\frac{1}{2}$ | 5 | 5 | 0 0 | $\frac{1}{2}$ | 5 | 5 | 10 0 |
| $\frac{3}{4}$ | 8 | 1 | 6 0 | $\frac{3}{4}$ | 8 | 2 | 9 0 |

| Ft. long | Side 40 Inch. | | | Ft. long | Side 40 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 11 | 1 | 4 | 1 | 11 | 3 | 0 |
| 2 | 22 | 2 | 8 | 2 | 22 | 6 | 0 |
| 3 | 33 | 4 | 0 | 3 | 33 | 9 | 0 |
| 4 | 44 | 5 | 4 | 4 | 45 | 0 | 0 |
| 5 | 55 | 6 | 8 | 5 | 56 | 3 | 0 |
| 6 | 66 | 8 | 0 | 6 | 67 | 6 | 0 |
| 7 | 77 | 9 | 4 | 7 | 78 | 9 | 0 |
| 8 | 88 | 10 | 8 | 8 | 90 | 0 | 0 |
| 9 | 100 | 0 | 0 | 9 | 101 | 3 | 0 |
| 10 | 111 | 1 | 4 | 10 | 112 | 6 | 0 |
| 11 | 122 | 2 | 8 | 11 | 123 | 9 | 0 |
| 12 | 133 | 4 | 0 | 12 | 135 | 0 | 0 |
| 13 | 144 | 5 | 4 | 13 | 146 | 3 | 0 |
| 14 | 155 | 6 | 8 | 14 | 157 | 6 | 0 |
| 15 | 166 | 8 | 0 | 15 | 168 | 9 | 0 |
| 16 | 177 | 9 | 4 | 16 | 180 | 0 | 1 |
| 17 | 188 | 10 | 8 | 17 | 191 | 3 | 1 |
| 18 | 200 | 0 | 0 | 18 | 202 | 6 | 1 |
| 19 | 211 | 1 | 4 | 19 | 213 | 9 | 1 |
| 20 | 222 | 2 | 8 | 20 | 225 | 0 | 1 |
| 21 | 233 | 4 | 0 | 21 | 236 | 3 | 1 |
| 22 | 244 | 5 | 4 | 22 | 247 | 6 | 1 |
| 23 | 255 | 6 | 8 | 23 | 258 | 9 | 1 |
| 24 | 266 | 8 | 0 | 24 | 270 | 0 | 1 |
| 25 | 277 | 9 | 4 | 25 | 281 | 3 | 1 |
| 26 | 288 | 10 | 8 | 26 | 292 | 6 | 1 |
| 27 | 300 | 0 | 0 | 27 | 303 | 9 | 1 |
| 28 | 311 | 1 | 4 | 28 | 315 | 0 | 1 |
| 29 | 322 | 2 | 8 | 29 | 326 | 3 | 1 |
| 30 | 333 | 4 | 0 | 30 | 337 | 6 | 1 |
| 31 | 344 | 5 | 4 | 31 | 348 | 9 | 1 |
| 32 | 355 | 6 | 8 | 32 | 360 | 0 | 2 |
| 33 | 360 | 8 | 0 | 33 | 371 | 3 | 2 |
| 34 | 377 | 9 | 4 | 34 | 382 | 6 | 2 |
| 35 | 388 | 10 | 8 | 35 | 393 | 9 | 2 |
| 36 | 400 | 0 | 0 | 36 | 405 | 0 | 2 |
| 37 | 411 | 1 | 4 | 37 | 416 | 3 | 2 |
| 38 | 422 | 2 | 8 | 38 | 427 | 6 | 2 |
| 39 | 433 | 4 | 0 | 39 | 438 | 9 | 2 |
| 40 | 444 | 5 | 4 | 40 | 450 | 0 | 2 |
| 41 | 455 | 6 | 8 | 41 | 461 | 3 | 2 |
| 42 | 466 | 8 | 0 | 42 | 472 | 6 | 2 |
| 43 | 477 | 9 | 4 | 43 | 483 | 9 | 2 |
| 44 | 488 | 10 | 8 | 44 | 495 | 0 | 2 |
| 45 | 500 | 0 | 0 | 45 | 506 | 3 | 2 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 2 | 9 | 4 0 | $\frac{1}{4}$ | 2 | 9 | 9 0 |
| $\frac{1}{2}$ | 5 | 6 | 8 0 | $\frac{1}{2}$ | 5 | 7 | 6 0 |
| $\frac{3}{4}$ | 8 | 4 | 0 0 | $\frac{3}{4}$ | 8 | 5 | 3 0 |

| Pa. | Ft. long | Side 40 $\frac{1}{2}$ | | | Pa. | Ft. long | Side 40 $\frac{3}{4}$ | | | Pa. | |
|---------------------|----------|-----------------------|-----|-----|-----|---------------|-----------------------|-----|-----|-----|---|
| | | Ft. | In. | Pa. | | | Ft. | In. | Pa. | | |
| 0 | 1 | 11 | 4 | 8 | 1 | 11 | 6 | 4 | | | |
| 0 | 2 | 22 | 9 | 4 | 2 | 23 | 0 | 9 | | | |
| 0 | 3 | 34 | 2 | 0 | 3 | 34 | 7 | 1 | | | |
| 0 | 4 | 45 | 6 | 9 | 4 | 46 | 1 | 6 | | | |
| 0 | 5 | 56 | 11 | 5 | 5 | 57 | 7 | 10 | | | |
| 0 | 6 | 68 | 4 | 1 | 6 | 69 | 2 | 3 | | | |
| 0 | 7 | 79 | 8 | 9 | 7 | 80 | 8 | 7 | | | |
| 0 | 8 | 91 | 1 | 6 | 8 | 92 | 3 | 0 | | | |
| 0 | 9 | 102 | 6 | 2 | 9 | 103 | 9 | 5 | | | |
| 0 | 10 | 113 | 10 | 10 | 10 | 115 | 3 | 9 | | | |
| 0 | 11 | 125 | 3 | 6 | 11 | 126 | 10 | 2 | | | |
| 0 | 12 | 136 | 8 | 3 | 12 | 138 | 4 | 6 | | | |
| 0 | 13 | 148 | 0 | 10 | 13 | 149 | 10 | 11 | | | |
| 0 | 14 | 159 | 5 | 7 | 14 | 161 | 5 | 3 | | | |
| 0 | 15 | 170 | 10 | 3 | 15 | 172 | 11 | 8 | | | |
| 1 | 16 | 182 | 3 | 0 | 16 | 184 | 6 | 1 | | | |
| 1 | 17 | 193 | 7 | 8 | 17 | 196 | 0 | 5 | | | |
| 1 | 18 | 205 | 0 | 4 | 18 | 207 | 6 | 10 | | | |
| 1 | 19 | 216 | 5 | 0 | 19 | 219 | 1 | 2 | | | |
| 1 | 20 | 227 | 9 | 9 | 20 | 230 | 7 | 7 | | | |
| 1 | 21 | 239 | 2 | 5 | 21 | 242 | 1 | 11 | | | |
| 1 | 22 | 250 | 7 | 1 | 22 | 253 | 8 | 4 | | | |
| 1 | 23 | 261 | 11 | 9 | 23 | 265 | 2 | 8 | | | |
| 1 | 24 | 273 | 4 | 6 | 24 | 276 | 9 | 1 | | | |
| 1 | 25 | 284 | 9 | 2 | 25 | 288 | 3 | 6 | | | |
| 1 | 26 | 296 | 1 | 10 | 26 | 299 | 9 | 10 | | | |
| 1 | 27 | 307 | 6 | 6 | 27 | 311 | 4 | 3 | | | |
| 1 | 28 | 318 | 11 | 3 | 28 | 322 | 10 | 7 | | | |
| 1 | 29 | 330 | 3 | 11 | 29 | 334 | 5 | 0 | | | |
| 1 | 30 | 341 | 8 | 7 | 30 | 345 | 11 | 4 | | | |
| 1 | 31 | 353 | 1 | 3 | 31 | 357 | 5 | 9 | | | |
| 2 | 32 | 364 | 6 | 0 | 32 | 369 | 0 | 2 | | | |
| 2 | 33 | 375 | 10 | 8 | 33 | 380 | 6 | 6 | | | |
| 2 | 34 | 387 | 3 | 4 | 34 | 392 | 0 | 11 | | | |
| 2 | 35 | 398 | 8 | 0 | 35 | 403 | 7 | 3 | | | |
| 2 | 36 | 410 | 0 | 9 | 36 | 415 | 1 | 8 | | | |
| 2 | 37 | 421 | 5 | 5 | 37 | 426 | 8 | 0 | | | |
| 2 | 38 | 432 | 10 | 1 | 38 | 438 | 2 | 5 | | | |
| 2 | 39 | 444 | 2 | 9 | 39 | 449 | 8 | 9 | | | |
| 2 | 40 | 455 | 7 | 6 | 40 | 461 | 3 | 2 | | | |
| 2 | 41 | 467 | 0 | 2 | 41 | 472 | 9 | 7 | | | |
| 2 | 42 | 478 | 4 | 10 | 42 | 484 | 3 | 11 | | | |
| 2 | 43 | 489 | 9 | 6 | 43 | 495 | 10 | 4 | | | |
| 2 | 44 | 501 | 2 | 3 | 44 | 507 | 4 | 8 | | | |
| 2 | 45 | 512 | 6 | 11 | 45 | 518 | 11 | 1 | | | |
| Quarters of a Foot. | | | | | | | | | | | |
| Pa. S. | | Ft. In. Pa. S. | | | | | Ft. In. Pa. S. | | | | |
| $\frac{1}{4}$ | | 2 | 10 | 2 | 0 | $\frac{1}{4}$ | | 2 | 10 | 7 | 0 |
| $\frac{1}{2}$ | | 5 | 8 | 4 | 0 | $\frac{1}{2}$ | | 5 | 9 | 2 | 0 |
| $\frac{3}{4}$ | | 8 | 6 | 6 | 0 | $\frac{3}{4}$ | | 8 | 7 | 9 | 0 |

| Ft. long | Side 41 Inch. | | | Ft. long | Side 41 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 11 | 8 | 1 | 1 | 11 | 9 | 9 |
| 2 | 23 | 4 | 2 | 2 | 23 | 7 | 7 |
| 3 | 35 | 0 | 3 | 3 | 35 | 5 | 4 |
| 4 | 46 | 8 | 4 | 4 | 47 | 3 | 2 |
| 5 | 58 | 4 | 5 | 5 | 59 | 0 | 11 |
| 6 | 70 | 0 | 6 | 6 | 70 | 10 | 9 |
| 7 | 81 | 8 | 7 | 7 | 82 | 8 | 6 |
| 8 | 93 | 4 | 8 | 8 | 94 | 6 | 4 |
| 9 | 105 | 0 | 9 | 9 | 106 | 4 | 2 |
| 10 | 116 | 8 | 10 | 10 | 118 | 1 | 11 |
| 11 | 128 | 4 | 11 | 11 | 129 | 11 | 9 |
| 12 | 140 | 1 | 0 | 12 | 141 | 9 | 6 |
| 13 | 151 | 9 | 1 | 13 | 153 | 7 | 4 |
| 14 | 163 | 5 | 2 | 14 | 165 | 1 | 10 |
| 15 | 175 | 1 | 3 | 15 | 177 | 2 | 11 |
| 16 | 186 | 9 | 4 | 16 | 189 | 0 | 9 |
| 17 | 198 | 5 | 5 | 17 | 200 | 10 | 6 |
| 18 | 210 | 1 | 6 | 18 | 212 | 8 | 4 |
| 19 | 221 | 9 | 7 | 19 | 224 | 6 | 1 |
| 20 | 233 | 5 | 8 | 20 | 236 | 3 | 11 |
| 21 | 245 | 1 | 9 | 21 | 248 | 1 | 8 |
| 22 | 256 | 9 | 10 | 22 | 259 | 11 | 6 |
| 23 | 268 | 5 | 11 | 23 | 271 | 9 | 3 |
| 24 | 280 | 2 | 0 | 24 | 283 | 7 | 1 |
| 25 | 291 | 10 | 1 | 25 | 295 | 4 | 11 |
| 26 | 303 | 6 | 2 | 26 | 307 | 2 | 8 |
| 27 | 315 | 2 | 3 | 27 | 319 | 0 | 6 |
| 28 | 326 | 10 | 4 | 28 | 330 | 10 | 3 |
| 29 | 338 | 6 | 5 | 29 | 342 | 8 | 1 |
| 30 | 350 | 2 | 6 | 30 | 354 | 5 | 10 |
| 31 | 361 | 10 | 7 | 31 | 366 | 3 | 8 |
| 32 | 373 | 6 | 8 | 32 | 378 | 1 | 6 |
| 33 | 385 | 2 | 9 | 33 | 389 | 11 | 3 |
| 34 | 396 | 10 | 10 | 34 | 401 | 9 | 1 |
| 35 | 408 | 6 | 11 | 35 | 413 | 6 | 10 |
| 36 | 420 | 3 | 0 | 36 | 425 | 4 | 8 |
| 37 | 431 | 11 | 1 | 37 | 437 | 2 | 5 |
| 38 | 443 | 7 | 2 | 38 | 449 | 0 | 3 |
| 39 | 455 | 3 | 3 | 39 | 460 | 10 | 0 |
| 40 | 466 | 11 | 4 | 40 | 472 | 7 | 10 |
| 41 | 478 | 7 | 5 | 41 | 484 | 5 | 8 |
| 42 | 490 | 3 | 6 | 42 | 496 | 3 | 5 |
| 43 | 501 | 11 | 7 | 43 | 508 | 1 | 3 |
| 44 | 513 | 7 | 8 | 44 | 519 | 11 | 0 |
| 45 | 525 | 3 | 9 | 45 | 531 | 8 | 10 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Fr. | In. | Pa. S. | | Fr. | In. | Pa. S. |
| $\frac{1}{4}$ | 2 | 11 | 0 3 | $\frac{1}{4}$ | 2 | 11 | 5 3 |
| $\frac{1}{2}$ | 5 | 10 | 0 6 | $\frac{1}{2}$ | 5 | 10 | 10 6 |
| $\frac{3}{4}$ | 8 | 9 | 0 9 | $\frac{3}{4}$ | 8 | 10 | 3 9 |

| Ft. long | Side 41 $\frac{1}{2}$ | | | Ft. long | Side 41 $\frac{3}{4}$ | | |
|---------------------|-----------------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 11 | 11 | 0 | 1 | 12 | 1 | 3 |
| 2 | 23 | 11 | 0 | 2 | 24 | 2 | 6 |
| 3 | 35 | 10 | 6 | 3 | 36 | 3 | 9 |
| 4 | 47 | 10 | 1 | 4 | 48 | 5 | 0 |
| 5 | 59 | 9 | 7 | 5 | 60 | 6 | 3 |
| 6 | 71 | 9 | 1 | 6 | 72 | 7 | 6 |
| 7 | 83 | 8 | 7 | 7 | 84 | 8 | 9 |
| 8 | 95 | 8 | 2 | 8 | 96 | 10 | 0 |
| 9 | 107 | 7 | 8 | 9 | 108 | 11 | 3 |
| 10 | 119 | 7 | 2 | 10 | 121 | 0 | 6 |
| 11 | 131 | 6 | 8 | 11 | 133 | 1 | 9 |
| 12 | 143 | 6 | 3 | 12 | 145 | 3 | 0 |
| 13 | 155 | 5 | 9 | 13 | 157 | 4 | 3 |
| 14 | 167 | 5 | 3 | 14 | 169 | 5 | 6 |
| 15 | 179 | 4 | 9 | 15 | 181 | 6 | 9 |
| 16 | 191 | 4 | 4 | 16 | 193 | 8 | 1 |
| 17 | 203 | 3 | 10 | 17 | 205 | 9 | 4 |
| 18 | 215 | 3 | 4 | 18 | 217 | 10 | 7 |
| 19 | 227 | 2 | 10 | 19 | 229 | 11 | 10 |
| 20 | 239 | 2 | 5 | 20 | 242 | 1 | 1 |
| 21 | 251 | 1 | 11 | 21 | 254 | 2 | 4 |
| 22 | 263 | 1 | 5 | 22 | 266 | 3 | 7 |
| 23 | 275 | 0 | 11 | 23 | 278 | 4 | 10 |
| 24 | 287 | 0 | 6 | 24 | 290 | 6 | 1 |
| 25 | 299 | 0 | 0 | 25 | 302 | 7 | 4 |
| 26 | 310 | 11 | 6 | 26 | 314 | 8 | 7 |
| 27 | 322 | 11 | 0 | 27 | 326 | 9 | 10 |
| 28 | 334 | 10 | 7 | 28 | 338 | 11 | 1 |
| 29 | 346 | 10 | 1 | 29 | 351 | 0 | 4 |
| 30 | 358 | 9 | 7 | 30 | 363 | 1 | 7 |
| 31 | 370 | 9 | 1 | 31 | 375 | 2 | 10 |
| 32 | 382 | 8 | 8 | 32 | 387 | 4 | 2 |
| 33 | 394 | 8 | 2 | 33 | 399 | 5 | 5 |
| 34 | 406 | 7 | 8 | 34 | 411 | 6 | 8 |
| 35 | 418 | 7 | 2 | 35 | 423 | 7 | 11 |
| 36 | 430 | 6 | 9 | 36 | 435 | 9 | 2 |
| 37 | 442 | 6 | 3 | 37 | 447 | 10 | 5 |
| 38 | 454 | 5 | 9 | 38 | 459 | 11 | 8 |
| 39 | 466 | 5 | 3 | 39 | 472 | 0 | 11 |
| 40 | 478 | 4 | 10 | 40 | 484 | 2 | 2 |
| 41 | 490 | 4 | 4 | 41 | 496 | 3 | 5 |
| 42 | 502 | 3 | 10 | 42 | 508 | 4 | 8 |
| 43 | 514 | 3 | 4 | 43 | 520 | 5 | 11 |
| 44 | 526 | 2 | 11 | 44 | 532 | 7 | 2 |
| 45 | 538 | 2 | 5 | 45 | 544 | 8 | 5 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 2 | 11 | 9 0 | $\frac{1}{4}$ | 3 | 0 | 3 9 |
| $\frac{1}{2}$ | 5 | 11 | 6 0 | $\frac{1}{2}$ | 6 | 0 | 7 6 |
| $\frac{3}{4}$ | 8 | 11 | 3 0 | $\frac{3}{4}$ | 9 | 0 | 11 3 |

| Ft. long | Side 42 Inch. | | | Ft. long | Side 42 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 12 | 3 | 0 | 1 | 12 | 4 | 8 |
| 2 | 24 | 6 | 0 | 2 | 24 | 9 | 4 |
| 3 | 36 | 9 | 0 | 3 | 37 | 2 | 0 |
| 4 | 49 | 0 | 0 | 4 | 49 | 6 | 8 |
| 5 | 61 | 3 | 0 | 5 | 61 | 11 | 4 |
| 6 | 73 | 6 | 0 | 6 | 74 | 4 | 0 |
| 7 | 85 | 9 | 0 | 7 | 86 | 8 | 8 |
| 8 | 98 | 0 | 0 | 8 | 99 | 1 | 4 |
| 9 | 110 | 3 | 0 | 9 | 111 | 6 | 0 |
| 10 | 122 | 6 | 0 | 10 | 123 | 10 | 8 |
| 11 | 134 | 9 | 0 | 11 | 136 | 3 | 4 |
| 12 | 147 | 0 | 0 | 12 | 148 | 8 | 0 |
| 13 | 159 | 3 | 0 | 13 | 161 | 0 | 8 |
| 14 | 171 | 6 | 0 | 14 | 173 | 5 | 4 |
| 15 | 183 | 9 | 0 | 15 | 185 | 10 | 0 |
| 16 | 196 | 0 | 0 | 16 | 198 | 2 | 9 |
| 17 | 208 | 3 | 0 | 17 | 210 | 7 | 5 |
| 18 | 220 | 6 | 0 | 18 | 223 | 0 | 1 |
| 19 | 232 | 9 | 0 | 19 | 235 | 4 | 9 |
| 20 | 245 | 0 | 0 | 20 | 247 | 9 | 5 |
| 21 | 257 | 3 | 0 | 21 | 260 | 2 | 1 |
| 22 | 269 | 6 | 0 | 22 | 272 | 6 | 9 |
| 23 | 281 | 9 | 0 | 23 | 284 | 11 | 5 |
| 24 | 294 | 0 | 0 | 24 | 297 | 4 | 1 |
| 25 | 306 | 3 | 0 | 25 | 309 | 8 | 9 |
| 26 | 318 | 6 | 0 | 26 | 322 | 1 | 5 |
| 27 | 330 | 9 | 0 | 27 | 334 | 6 | 1 |
| 28 | 343 | 0 | 0 | 28 | 346 | 10 | 9 |
| 29 | 355 | 3 | 0 | 29 | 359 | 3 | 5 |
| 30 | 367 | 6 | 0 | 30 | 371 | 8 | 1 |
| 31 | 379 | 9 | 0 | 31 | 384 | 0 | 9 |
| 32 | 392 | 0 | 0 | 32 | 396 | 5 | 6 |
| 33 | 404 | 3 | 0 | 33 | 408 | 10 | 2 |
| 34 | 416 | 6 | 0 | 34 | 421 | 2 | 10 |
| 35 | 428 | 9 | 0 | 35 | 433 | 7 | 6 |
| 36 | 441 | 0 | 0 | 36 | 446 | 0 | 2 |
| 37 | 453 | 3 | 0 | 37 | 458 | 4 | 10 |
| 38 | 465 | 6 | 0 | 38 | 470 | 9 | 6 |
| 39 | 477 | 9 | 0 | 39 | 483 | 2 | 2 |
| 40 | 490 | 0 | 0 | 40 | 495 | 6 | 10 |
| 41 | 502 | 3 | 0 | 41 | 509 | 11 | 6 |
| 42 | 514 | 6 | 0 | 42 | 520 | 4 | 2 |
| 43 | 526 | 9 | 0 | 43 | 532 | 8 | 10 |
| 44 | 539 | 0 | 0 | 44 | 545 | 1 | 6 |
| 45 | 551 | 3 | 0 | 45 | 557 | 6 | 2 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 3 | 0 | 9 0 | $\frac{1}{4}$ | 3 | 1 | 2 0 |
| $\frac{1}{2}$ | 6 | 1 | 6 0 | $\frac{1}{2}$ | 6 | 2 | 4 0 |
| $\frac{3}{4}$ | 9 | 2 | 3 0 | $\frac{3}{4}$ | 9 | 3 | 6 0 |

| Ft. long | Side 42 $\frac{1}{2}$ | | | Ft. long | Side 42 $\frac{3}{4}$ | | |
|---------------------|-----------------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 12 | 6 | 6 | 1 | 12 | 8 | 3 |
| 2 | 25 | 1 | 0 | 2 | 25 | 4 | 7 |
| 3 | 37 | 7 | 6 | 3 | 38 | 0 | 10 |
| 4 | 50 | 2 | 1 | 4 | 50 | 9 | 2 |
| 5 | 62 | 8 | 7 | 5 | 63 | 5 | 5 |
| 6 | 75 | 3 | 1 | 6 | 76 | 1 | 9 |
| 7 | 87 | 9 | 7 | 7 | 88 | 10 | 0 |
| 8 | 100 | 4 | 2 | 8 | 101 | 6 | 4 |
| 9 | 112 | 10 | 8 | 9 | 114 | 2 | 8 |
| 10 | 125 | 5 | 2 | 10 | 126 | 10 | 11 |
| 11 | 137 | 11 | 8 | 11 | 139 | 7 | 3 |
| 12 | 150 | 6 | 3 | 12 | 152 | 3 | 6 |
| 13 | 163 | 0 | 9 | 13 | 164 | 11 | 10 |
| 14 | 175 | 7 | 3 | 14 | 177 | 8 | 1 |
| 15 | 188 | 1 | 9 | 15 | 190 | 4 | 5 |
| 16 | 200 | 8 | 4 | 16 | 203 | 0 | 9 |
| 17 | 213 | 2 | 10 | 17 | 215 | 9 | 0 |
| 18 | 225 | 9 | 4 | 18 | 228 | 5 | 4 |
| 19 | 238 | 3 | 10 | 19 | 241 | 1 | 7 |
| 20 | 250 | 10 | 5 | 20 | 253 | 9 | 11 |
| 21 | 263 | 4 | 11 | 21 | 266 | 6 | 2 |
| 22 | 275 | 11 | 5 | 22 | 279 | 2 | 6 |
| 23 | 288 | 5 | 11 | 23 | 291 | 10 | 9 |
| 24 | 301 | 0 | 6 | 24 | 304 | 7 | 1 |
| 25 | 313 | 7 | 0 | 25 | 317 | 3 | 5 |
| 26 | 326 | 1 | 6 | 26 | 329 | 11 | 8 |
| 27 | 338 | 8 | 0 | 27 | 342 | 8 | 0 |
| 28 | 351 | 2 | 7 | 28 | 355 | 4 | 3 |
| 29 | 363 | 9 | 1 | 29 | 368 | 0 | 7 |
| 30 | 376 | 3 | 7 | 30 | 380 | 8 | 10 |
| 31 | 388 | 10 | 1 | 31 | 393 | 5 | 2 |
| 32 | 401 | 4 | 8 | 32 | 406 | 1 | 6 |
| 33 | 413 | 11 | 2 | 33 | 418 | 9 | 9 |
| 34 | 426 | 5 | 8 | 34 | 431 | 6 | 1 |
| 35 | 439 | 0 | 2 | 35 | 444 | 2 | 4 |
| 36 | 451 | 6 | 9 | 36 | 456 | 10 | 8 |
| 37 | 464 | 1 | 3 | 37 | 469 | 6 | 11 |
| 38 | 476 | 7 | 9 | 38 | 482 | 3 | 3 |
| 39 | 489 | 2 | 3 | 39 | 494 | 11 | 6 |
| 40 | 501 | 8 | 10 | 40 | 507 | 7 | 10 |
| 41 | 514 | 3 | 4 | 41 | 520 | 4 | 2 |
| 42 | 526 | 9 | 10 | 42 | 533 | 0 | 5 |
| 43 | 539 | 4 | 4 | 43 | 545 | 8 | 9 |
| 44 | 551 | 10 | 11 | 44 | 558 | 5 | 0 |
| 45 | 564 | 5 | 5 | 45 | 571 | 1 | 4 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 3 | 1 | 7 6 | $\frac{1}{4}$ | 3 | 2 | 0 9 |
| $\frac{1}{2}$ | 6 | 3 | 3 0 | $\frac{1}{2}$ | 6 | 4 | 1 6 |
| $\frac{3}{4}$ | 9 | 4 | 10 6 | $\frac{3}{4}$ | 9 | 6 | 2 3 |

| Ft. long | Side 43 Inch. | | | Ft. long | Side 43 $\frac{3}{4}$ | | |
|---------------------|---------------|-----|-------|---------------------|-----------------------|-----|-------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 12 | 10 | 1 | 1 | 12 | 11 | 10 |
| 2 | 25 | 8 | 2 | 2 | 25 | 11 | 9 |
| 3 | 38 | 6 | 3 | 3 | 38 | 11 | 7 |
| 4 | 51 | 4 | 4 | 4 | 51 | 11 | 6 |
| 5 | 64 | 2 | 5 | 5 | 64 | 11 | 4 |
| 6 | 77 | 0 | 6 | 6 | 77 | 11 | 3 |
| 7 | 89 | 10 | 7 | 7 | 90 | 11 | 1 |
| 8 | 102 | 8 | 8 | 8 | 103 | 11 | 0 |
| 9 | 115 | 6 | 9 | 9 | 116 | 10 | 11 |
| 10 | 128 | 4 | 10 | 10 | 129 | 10 | 9 |
| 11 | 141 | 2 | 11 | 11 | 142 | 10 | 8 |
| 12 | 154 | 1 | 0 | 12 | 155 | 10 | 6 |
| 13 | 166 | 11 | 1 | 13 | 168 | 10 | 5 |
| 14 | 179 | 9 | 2 | 14 | 181 | 10 | 3 |
| 15 | 192 | 7 | 3 | 15 | 194 | 10 | 2 |
| 16 | 205 | 5 | 4 | 16 | 207 | 10 | 1 |
| 17 | 218 | 3 | 5 | 17 | 220 | 9 | 11 |
| 18 | 231 | 1 | 6 | 18 | 233 | 9 | 10 |
| 19 | 243 | 11 | 7 | 19 | 246 | 9 | 8 |
| 20 | 256 | 9 | 8 | 20 | 259 | 9 | 7 |
| 21 | 269 | 7 | 9 | 21 | 272 | 9 | 5 |
| 22 | 282 | 5 | 10 | 22 | 285 | 9 | 4 |
| 23 | 295 | 3 | 11 | 23 | 298 | 9 | 2 |
| 24 | 308 | 2 | 0 | 24 | 311 | 9 | 1 |
| 25 | 321 | 0 | 1 | 25 | 324 | 9 | 0 |
| 26 | 333 | 10 | 2 | 26 | 337 | 8 | 10 |
| 27 | 346 | 8 | 3 | 27 | 350 | 8 | 9 |
| 28 | 359 | 6 | 4 | 28 | 363 | 8 | 7 |
| 29 | 372 | 4 | 5 | 29 | 376 | 8 | 6 |
| 30 | 385 | 2 | 6 | 30 | 389 | 8 | 4 |
| 31 | 398 | 0 | 7 | 31 | 402 | 8 | 3 |
| 32 | 410 | 10 | 8 | 32 | 415 | 8 | 2 |
| 33 | 423 | 8 | 9 | 33 | 428 | 8 | 0 |
| 34 | 436 | 6 | 10 | 34 | 441 | 7 | 11 |
| 35 | 449 | 4 | 11 | 35 | 454 | 7 | 9 |
| 36 | 462 | 3 | 0 | 36 | 467 | 7 | 8 |
| 37 | 475 | 1 | 1 | 37 | 480 | 7 | 6 |
| 38 | 487 | 11 | 2 | 38 | 493 | 7 | 5 |
| 39 | 500 | 9 | 3 | 39 | 506 | 7 | 3 |
| 40 | 513 | 7 | 4 | 40 | 519 | 7 | 2 |
| 41 | 526 | 5 | 5 | 41 | 532 | 7 | 1 |
| 42 | 539 | 3 | 6 | 42 | 545 | 6 | 11 |
| 43 | 552 | 1 | 7 | 43 | 558 | 6 | 10 |
| 44 | 564 | 11 | 8 | 44 | 571 | 6 | 8 |
| 45 | 577 | 9 | 9 | 45 | 584 | 6 | 7 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S | | Ft. | In. | Pa. S |
| $\frac{1}{4}$ | 3 | 2 | 6 3 | $\frac{1}{4}$ | 3 | 2 | 11 6 |
| $\frac{1}{2}$ | 6 | 5 | 0 6 | $\frac{1}{2}$ | 6 | 5 | 11 0 |
| $\frac{3}{4}$ | 9 | 7 | 6 9 | $\frac{3}{4}$ | 9 | 8 | 10 6 |

| Side 43 $\frac{1}{2}$ | | | | Side 43 $\frac{3}{4}$ | | | |
|-----------------------|-----|-----|--------|-----------------------|-----|-----|--------|
| Pt. | Ft. | In. | Pa. | Pt. | Ft. | In. | Pa. |
| 10 | 1 | 13 | 1 8 | 1 | 13 | 3 | 6 |
| 9 | 2 | 26 | 3 4 | 2 | 26 | 7 | 0 |
| 7 | 3 | 39 | 5 0 | 3 | 39 | 10 | 6 |
| 6 | 4 | 52 | 6 9 | 4 | 53 | 2 | 0 |
| 4 | 5 | 65 | 8 5 | 5 | 66 | 5 | 6 |
| 3 | 6 | 78 | 10 1 | 6 | 79 | 9 | 0 |
| 1 | 7 | 91 | 11 9 | 7 | 93 | 0 | 6 |
| 0 | 8 | 105 | 1 6 | 8 | 106 | 4 | 0 |
| 11 | 9 | 118 | 3 2 | 9 | 119 | 7 | 6 |
| 9 | 10 | 131 | 4 10 | 10 | 132 | 11 | 0 |
| 8 | 11 | 144 | 6 6 | 11 | 146 | 2 | 6 |
| 6 | 12 | 157 | 8 3 | 12 | 159 | 6 | 0 |
| 5 | 13 | 170 | 9 11 | 13 | 172 | 9 | 6 |
| 3 | 14 | 183 | 11 7 | 14 | 186 | 1 | 0 |
| 2 | 15 | 197 | 1 3 | 15 | 199 | 4 | 6 |
| 1 | 16 | 210 | 3 0 | 16 | 212 | 8 | 1 |
| 11 | 17 | 223 | 4 8 | 17 | 225 | 11 | 7 |
| 10 | 18 | 236 | 6 4 | 18 | 239 | 3 | 1 |
| 8 | 19 | 249 | 8 0 | 19 | 252 | 6 | 7 |
| 7 | 20 | 262 | 9 9 | 20 | 265 | 10 | 1 |
| 5 | 21 | 275 | 11 5 | 21 | 279 | 1 | 7 |
| 4 | 22 | 289 | 1 1 | 22 | 292 | 5 | 1 |
| 2 | 23 | 302 | 2 9 | 23 | 305 | 8 | 7 |
| 1 | 24 | 315 | 4 6 | 24 | 319 | 0 | 1 |
| 0 | 25 | 328 | 6 2 | 25 | 332 | 3 | 7 |
| 10 | 26 | 341 | 7 10 | 26 | 345 | 7 | 1 |
| 9 | 27 | 354 | 9 6 | 27 | 358 | 10 | 7 |
| 7 | 28 | 367 | 11 3 | 28 | 372 | 2 | 1 |
| 6 | 29 | 381 | 0 11 | 29 | 385 | 5 | 7 |
| 4 | 30 | 394 | 2 7 | 30 | 398 | 9 | 1 |
| 3 | 31 | 407 | 4 3 | 31 | 412 | 0 | 7 |
| 2 | 32 | 420 | 6 0 | 32 | 425 | 4 | 2 |
| 0 | 33 | 433 | 7 8 | 33 | 438 | 7 | 8 |
| 11 | 34 | 446 | 9 4 | 34 | 451 | 11 | 2 |
| 9 | 35 | 459 | 11 0 | 35 | 465 | 2 | 8 |
| 8 | 36 | 473 | 0 9 | 36 | 478 | 6 | 2 |
| 6 | 37 | 486 | 2 5 | 37 | 491 | 9 | 8 |
| 5 | 38 | 499 | 4 1 | 38 | 505 | 1 | 2 |
| 3 | 39 | 512 | 5 9 | 39 | 518 | 4 | 8 |
| 2 | 40 | 525 | 7 6 | 40 | 531 | 8 | 2 |
| 1 | 41 | 538 | 9 2 | 41 | 544 | 11 | 8 |
| 11 | 42 | 551 | 10 10 | 42 | 558 | 3 | 2 |
| 10 | 43 | 565 | 0 6 | 43 | 571 | 6 | 8 |
| 8 | 44 | 578 | 2 3 | 44 | 584 | 10 | 2 |
| 7 | 45 | 591 | 3 11 | 45 | 598 | 1 | 8 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 3 | 3 | 5 0 | $\frac{1}{4}$ | 3 | 3 | 10 6 |
| $\frac{1}{2}$ | 6 | 6 | 10 0 | $\frac{1}{2}$ | 6 | 7 | 9 0 |
| $\frac{3}{4}$ | 9 | 10 | 3 0 | $\frac{3}{4}$ | 9 | 11 | 7 6 |

| Ft. long. | Side 44 Inch. | | | Ft. long. | Side 44 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 13 | 5 | 4 | 1 | 13 | 7 | 2 |
| 2 | 26 | 10 | 8 | 2 | 27 | 2 | 4 |
| 3 | 40 | 4 | 0 | 3 | 40 | 9 | 6 |
| 4 | 53 | 9 | 4 | 4 | 54 | 4 | 8 |
| 5 | 67 | 2 | 8 | 5 | 67 | 11 | 10 |
| 6 | 80 | 8 | 0 | 6 | 81 | 7 | 0 |
| 7 | 94 | 1 | 4 | 7 | 95 | 2 | 2 |
| 8 | 107 | 6 | 8 | 8 | 108 | 9 | 4 |
| 9 | 121 | 0 | 0 | 9 | 122 | 4 | 6 |
| 10 | 134 | 5 | 4 | 10 | 135 | 11 | 8 |
| 11 | 147 | 10 | 8 | 11 | 149 | 6 | 10 |
| 12 | 161 | 4 | 0 | 12 | 163 | 2 | 0 |
| 13 | 174 | 9 | 4 | 13 | 176 | 9 | 2 |
| 14 | 188 | 2 | 8 | 14 | 190 | 4 | 4 |
| 15 | 201 | 8 | 0 | 15 | 203 | 11 | 6 |
| 16 | 215 | 1 | 4 | 16 | 217 | 6 | 9 |
| 17 | 228 | 6 | 8 | 17 | 231 | 1 | 11 |
| 18 | 242 | 0 | 0 | 18 | 244 | 9 | 1 |
| 19 | 255 | 5 | 4 | 19 | 258 | 4 | 3 |
| 20 | 268 | 10 | 8 | 20 | 271 | 11 | 5 |
| 21 | 282 | 4 | 0 | 21 | 285 | 6 | 7 |
| 22 | 295 | 9 | 4 | 22 | 299 | 1 | 9 |
| 23 | 309 | 2 | 8 | 23 | 312 | 8 | 11 |
| 24 | 322 | 8 | 0 | 24 | 326 | 4 | 1 |
| 25 | 336 | 1 | 4 | 25 | 339 | 11 | 3 |
| 26 | 349 | 6 | 8 | 26 | 353 | 6 | 5 |
| 27 | 363 | 0 | 0 | 27 | 367 | 1 | 7 |
| 28 | 376 | 5 | 4 | 28 | 380 | 8 | 9 |
| 29 | 389 | 10 | 8 | 29 | 394 | 3 | 11 |
| 30 | 403 | 4 | 0 | 30 | 407 | 11 | 1 |
| 31 | 416 | 9 | 4 | 31 | 421 | 6 | 3 |
| 32 | 430 | 2 | 8 | 32 | 435 | 1 | 6 |
| 33 | 443 | 8 | 0 | 33 | 448 | 8 | 8 |
| 34 | 457 | 1 | 4 | 34 | 462 | 3 | 10 |
| 35 | 470 | 6 | 8 | 35 | 475 | 11 | 0 |
| 36 | 484 | 0 | 0 | 36 | 489 | 6 | 2 |
| 37 | 497 | 5 | 4 | 37 | 503 | 1 | 4 |
| 38 | 510 | 10 | 8 | 38 | 516 | 8 | 6 |
| 39 | 524 | 4 | 0 | 39 | 530 | 3 | 8 |
| 40 | 537 | 9 | 4 | 40 | 543 | 10 | 10 |
| 41 | 551 | 2 | 8 | 41 | 557 | 6 | 0 |
| 42 | 564 | 8 | 0 | 42 | 571 | 1 | 2 |
| 43 | 578 | 1 | 4 | 43 | 584 | 8 | 4 |
| 44 | 591 | 6 | 8 | 44 | 598 | 3 | 6 |
| 45 | 605 | 0 | 0 | 45 | 611 | 10 | 8 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 3 | 4 | 4 0 | $\frac{1}{4}$ | 3 | 4 | 9 6 |
| $\frac{1}{2}$ | 6 | 8 | 8 0 | $\frac{1}{2}$ | 6 | 9 | 7 0 |
| $\frac{3}{4}$ | 10 | 1 | 0 0 | $\frac{3}{4}$ | 10 | 2 | 4 6 |

| Ft. long | Side 44 $\frac{1}{2}$ | | | Ft. long | Side 44 $\frac{3}{4}$ | | |
|---------------------|-----------------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 13 | 9 | 0 | 1 | 13 | 10 | 10 |
| 2 | 27 | 6 | 0 | 2 | 27 | 9 | 9 |
| 3 | 41 | 3 | 0 | 3 | 41 | 8 | 7 |
| 4 | 55 | 0 | 1 | 4 | 55 | 7 | 6 |
| 5 | 68 | 9 | 1 | 5 | 69 | 6 | 4 |
| 6 | 82 | 6 | 1 | 6 | 83 | 5 | 3 |
| 7 | 96 | 3 | 1 | 7 | 97 | 4 | 1 |
| 8 | 110 | 0 | 2 | 8 | 111 | 3 | 0 |
| 9 | 123 | 9 | 2 | 9 | 125 | 1 | 11 |
| 10 | 137 | 6 | 2 | 10 | 139 | 0 | 9 |
| 11 | 151 | 3 | 2 | 11 | 152 | 11 | 8 |
| 12 | 165 | 0 | 3 | 12 | 166 | 10 | 6 |
| 13 | 178 | 9 | 3 | 13 | 180 | 9 | 5 |
| 14 | 192 | 6 | 3 | 14 | 194 | 8 | 3 |
| 15 | 206 | 3 | 3 | 15 | 208 | 7 | 2 |
| 16 | 220 | 0 | 4 | 16 | 222 | 6 | 1 |
| 17 | 233 | 9 | 4 | 17 | 236 | 4 | 11 |
| 18 | 247 | 6 | 4 | 18 | 250 | 3 | 10 |
| 19 | 261 | 3 | 4 | 19 | 264 | 2 | 8 |
| 20 | 275 | 0 | 5 | 20 | 278 | 1 | 7 |
| 21 | 288 | 9 | 5 | 21 | 292 | 0 | 5 |
| 22 | 302 | 6 | 5 | 22 | 305 | 11 | 4 |
| 23 | 316 | 3 | 5 | 23 | 319 | 10 | 2 |
| 24 | 330 | 0 | 6 | 24 | 333 | 9 | 1 |
| 25 | 343 | 9 | 6 | 25 | 347 | 8 | 0 |
| 26 | 357 | 6 | 6 | 26 | 361 | 6 | 10 |
| 27 | 371 | 3 | 6 | 27 | 375 | 5 | 9 |
| 28 | 385 | 0 | 7 | 28 | 389 | 4 | 7 |
| 29 | 398 | 9 | 7 | 29 | 403 | 3 | 6 |
| 30 | 412 | 6 | 7 | 30 | 417 | 2 | 4 |
| 31 | 426 | 3 | 7 | 31 | 431 | 1 | 3 |
| 32 | 440 | 0 | 8 | 32 | 445 | 0 | 2 |
| 33 | 453 | 9 | 8 | 33 | 458 | 11 | 0 |
| 34 | 467 | 6 | 8 | 34 | 472 | 9 | 11 |
| 35 | 481 | 3 | 8 | 35 | 486 | 8 | 9 |
| 36 | 495 | 0 | 9 | 36 | 500 | 7 | 8 |
| 37 | 508 | 9 | 9 | 37 | 514 | 6 | 6 |
| 38 | 522 | 6 | 9 | 38 | 528 | 5 | 5 |
| 39 | 536 | 3 | 9 | 39 | 542 | 4 | 3 |
| 40 | 550 | 0 | 10 | 40 | 556 | 3 | 2 |
| 41 | 563 | 9 | 10 | 41 | 570 | 2 | 1 |
| 42 | 577 | 6 | 10 | 42 | 584 | 0 | 11 |
| 43 | 591 | 3 | 10 | 43 | 597 | 11 | 10 |
| 44 | 605 | 0 | 11 | 44 | 611 | 10 | 8 |
| 45 | 618 | 9 | 11 | 45 | 625 | 9 | 7 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 3 | 5 | 3 0 | $\frac{1}{4}$ | 3 | 5 | 8 6 |
| $\frac{1}{2}$ | 6 | 10 | 6 0 | $\frac{1}{2}$ | 6 | 11 | 5 0 |
| $\frac{3}{4}$ | 10 | 3 | 9 0 | $\frac{3}{4}$ | 10 | 5 | 1 6 |

| Ft. long. | Side 45 Inch. | | | Ft. long. | Side 45 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 14 | 0 | 9 | 1 | 14 | 2 | 7 |
| 2 | 28 | 1 | 6 | 2 | 28 | 5 | 3 |
| 3 | 42 | 2 | 3 | 3 | 42 | 7 | 10 |
| 4 | 56 | 3 | 0 | 4 | 56 | 10 | 6 |
| 5 | 70 | 3 | 9 | 5 | 71 | 1 | 1 |
| 6 | 84 | 4 | 6 | 6 | 85 | 3 | 9 |
| 7 | 98 | 5 | 3 | 7 | 99 | 6 | 4 |
| 8 | 112 | 6 | 0 | 8 | 113 | 9 | 0 |
| 9 | 126 | 6 | 9 | 9 | 127 | 11 | 8 |
| 10 | 140 | 7 | 6 | 10 | 142 | 2 | 3 |
| 11 | 154 | 8 | 3 | 11 | 156 | 4 | 11 |
| 12 | 168 | 9 | 0 | 12 | 170 | 7 | 6 |
| 13 | 182 | 9 | 9 | 13 | 184 | 10 | 2 |
| 14 | 196 | 10 | 6 | 14 | 199 | 0 | 9 |
| 15 | 210 | 11 | 3 | 15 | 213 | 3 | 5 |
| 16 | 225 | 0 | 0 | 16 | 227 | 6 | 1 |
| 17 | 239 | 0 | 9 | 17 | 241 | 8 | 8 |
| 18 | 253 | 1 | 6 | 18 | 255 | 11 | 4 |
| 19 | 267 | 2 | 3 | 19 | 270 | 1 | 11 |
| 20 | 281 | 3 | 0 | 20 | 284 | 4 | 7 |
| 21 | 295 | 3 | 9 | 21 | 298 | 7 | 2 |
| 22 | 309 | 4 | 6 | 22 | 312 | 9 | 10 |
| 23 | 323 | 5 | 3 | 23 | 327 | 0 | 5 |
| 24 | 337 | 6 | 0 | 24 | 341 | 3 | 1 |
| 25 | 351 | 6 | 9 | 25 | 355 | 5 | 9 |
| 26 | 365 | 7 | 6 | 26 | 369 | 8 | 4 |
| 27 | 379 | 8 | 3 | 27 | 383 | 11 | 0 |
| 28 | 393 | 9 | 0 | 28 | 398 | 1 | 7 |
| 29 | 407 | 9 | 9 | 29 | 412 | 4 | 3 |
| 30 | 421 | 10 | 6 | 30 | 426 | 6 | 10 |
| 31 | 435 | 11 | 3 | 31 | 440 | 9 | 6 |
| 32 | 450 | 0 | 0 | 32 | 455 | 0 | 2 |
| 33 | 464 | 0 | 9 | 33 | 469 | 2 | 9 |
| 34 | 478 | 1 | 6 | 34 | 483 | 5 | 5 |
| 35 | 492 | 2 | 3 | 35 | 497 | 8 | 0 |
| 36 | 506 | 3 | 0 | 36 | 511 | 10 | 8 |
| 37 | 520 | 3 | 9 | 37 | 526 | 1 | 3 |
| 38 | 534 | 4 | 6 | 38 | 540 | 3 | 11 |
| 39 | 548 | 5 | 3 | 39 | 554 | 6 | 6 |
| 40 | 562 | 6 | 0 | 40 | 568 | 9 | 2 |
| 41 | 576 | 6 | 9 | 41 | 582 | 11 | 10 |
| 42 | 590 | 7 | 6 | 42 | 597 | 2 | 5 |
| 43 | 604 | 8 | 3 | 43 | 611 | 5 | 1 |
| 44 | 618 | 9 | 0 | 44 | 625 | 7 | 8 |
| 45 | 632 | 9 | 9 | 45 | 639 | 10 | 4 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 3 | 6 | 2 3 | $\frac{1}{4}$ | 3 | 6 | 7 9 |
| $\frac{1}{2}$ | 7 | 0 | 4 6 | $\frac{1}{2}$ | 7 | 1 | 3 6 |
| $\frac{3}{4}$ | 10 | 6 | 6 9 | $\frac{3}{4}$ | 10 | 7 | 11 3 |

Pa.
7
3
10
6
1
9
4
0
8
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11
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2
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9
5
0
8
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11
6
2
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r.
S.
9
6
3

| Side 45 $\frac{1}{2}$ | | | | Side 45 $\frac{3}{4}$ | | | |
|-----------------------|-----|-----|--------|-----------------------|-----|-----|--------|
| Ft. long | Ft. | In. | Pa. | Ft. long | Ft. | In. | Pa. |
| 1 | 14 | 4 | 6 | 1 | 14 | 6 | 5 |
| 2 | 28 | 9 | 0 | 2 | 29 | 0 | 10 |
| 3 | 43 | 1 | 6 | 3 | 43 | 7 | 3 |
| 4 | 57 | 6 | 1 | 4 | 58 | 1 | 8 |
| 5 | 71 | 10 | 7 | 5 | 72 | 8 | 1 |
| 6 | 86 | 3 | 1 | 6 | 87 | 2 | 6 |
| 7 | 100 | 7 | 7 | 7 | 101 | 8 | 11 |
| 8 | 115 | 0 | 2 | 8 | 116 | 3 | 4 |
| 9 | 129 | 4 | 8 | 9 | 130 | 9 | 9 |
| 10 | 143 | 9 | 2 | 10 | 145 | 4 | 2 |
| 11 | 158 | 1 | 8 | 11 | 159 | 10 | 7 |
| 12 | 172 | 6 | 3 | 12 | 174 | 5 | 0 |
| 13 | 186 | 10 | 9 | 13 | 188 | 11 | 5 |
| 14 | 201 | 3 | 3 | 14 | 203 | 5 | 10 |
| 15 | 215 | 7 | 9 | 15 | 218 | 0 | 3 |
| 16 | 230 | 0 | 4 | 16 | 232 | 6 | 9 |
| 17 | 244 | 4 | 10 | 17 | 247 | 1 | 2 |
| 18 | 258 | 9 | 4 | 18 | 261 | 7 | 7 |
| 19 | 273 | 1 | 10 | 19 | 276 | 2 | 0 |
| 20 | 287 | 6 | 5 | 20 | 290 | 8 | 5 |
| 21 | 301 | 10 | 11 | 21 | 305 | 2 | 10 |
| 22 | 316 | 3 | 5 | 22 | 319 | 9 | 3 |
| 23 | 330 | 7 | 11 | 23 | 334 | 3 | 8 |
| 24 | 345 | 0 | 6 | 24 | 348 | 10 | 1 |
| 25 | 359 | 5 | 0 | 25 | 363 | 4 | 6 |
| 26 | 373 | 9 | 6 | 26 | 377 | 10 | 11 |
| 27 | 388 | 2 | 0 | 27 | 392 | 5 | 4 |
| 28 | 402 | 6 | 7 | 28 | 406 | 11 | 9 |
| 29 | 416 | 11 | 1 | 29 | 421 | 6 | 2 |
| 30 | 431 | 3 | 7 | 30 | 436 | 0 | 7 |
| 31 | 445 | 8 | 1 | 31 | 450 | 7 | 0 |
| 32 | 460 | 0 | 8 | 32 | 465 | 1 | 6 |
| 33 | 474 | 5 | 2 | 33 | 479 | 7 | 11 |
| 34 | 488 | 9 | 8 | 34 | 494 | 2 | 4 |
| 35 | 503 | 2 | 2 | 35 | 508 | 8 | 9 |
| 36 | 517 | 6 | 9 | 36 | 523 | 3 | 2 |
| 37 | 531 | 11 | 3 | 37 | 537 | 9 | 7 |
| 38 | 546 | 3 | 9 | 38 | 552 | 4 | 0 |
| 39 | 560 | 8 | 3 | 39 | 566 | 10 | 5 |
| 40 | 575 | 0 | 10 | 40 | 581 | 4 | 10 |
| 41 | 589 | 5 | 4 | 41 | 595 | 11 | 3 |
| 42 | 603 | 9 | 10 | 42 | 610 | 5 | 8 |
| 43 | 618 | 2 | 4 | 43 | 625 | 0 | 1 |
| 44 | 632 | 6 | 11 | 44 | 639 | 6 | 6 |
| 45 | 646 | 11 | 5 | 45 | 654 | 0 | 11 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 3 | 7 | 1 6 | $\frac{1}{4}$ | 3 | 7 | 7 3 |
| $\frac{1}{2}$ | 7 | 2 | 3 0 | $\frac{1}{2}$ | 7 | 3 | 2 6 |
| $\frac{3}{4}$ | 10 | 9 | 4 6 | $\frac{3}{4}$ | 10 | 10 | 9 9 |

| Ft. long | Side 46 Inch. | | | Ft. long | Side 46 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 14 | 8 | 4 | 1 | 14 | 10 | 3 |
| 2 | 29 | 4 | 8 | 2 | 29 | 8 | 6 |
| 3 | 44 | 1 | 0 | 3 | 44 | 6 | 9 |
| 4 | 58 | 9 | 4 | 4 | 59 | 5 | 0 |
| 5 | 73 | 5 | 8 | 5 | 74 | 3 | 3 |
| 6 | 88 | 2 | 0 | 6 | 89 | 1 | 6 |
| 7 | 102 | 10 | 4 | 7 | 103 | 11 | 9 |
| 8 | 117 | 6 | 8 | 8 | 118 | 10 | 0 |
| 9 | 132 | 3 | 0 | 9 | 133 | 8 | 3 |
| 10 | 146 | 11 | 4 | 10 | 148 | 6 | 6 |
| 11 | 161 | 7 | 8 | 11 | 163 | 4 | 9 |
| 12 | 176 | 4 | 0 | 12 | 178 | 3 | 0 |
| 13 | 191 | 0 | 4 | 13 | 193 | 1 | 3 |
| 14 | 205 | 8 | 8 | 14 | 207 | 11 | 6 |
| 15 | 220 | 5 | 0 | 15 | 222 | 9 | 9 |
| 16 | 235 | 1 | 4 | 16 | 237 | 8 | 1 |
| 17 | 249 | 9 | 8 | 17 | 252 | 6 | 4 |
| 18 | 264 | 6 | 0 | 18 | 267 | 4 | 7 |
| 19 | 279 | 2 | 4 | 19 | 282 | 2 | 10 |
| 20 | 293 | 10 | 8 | 20 | 297 | 1 | 1 |
| 21 | 308 | 7 | 0 | 21 | 311 | 11 | 4 |
| 22 | 323 | 3 | 4 | 22 | 326 | 9 | 7 |
| 23 | 337 | 11 | 8 | 23 | 341 | 7 | 10 |
| 24 | 352 | 8 | 0 | 24 | 356 | 6 | 1 |
| 25 | 367 | 4 | 4 | 25 | 371 | 4 | 4 |
| 26 | 382 | 0 | 8 | 26 | 386 | 2 | 7 |
| 27 | 396 | 9 | 0 | 27 | 401 | 0 | 10 |
| 28 | 411 | 5 | 4 | 28 | 415 | 11 | 1 |
| 29 | 426 | 1 | 8 | 29 | 430 | 9 | 4 |
| 30 | 440 | 10 | 0 | 30 | 445 | 7 | 7 |
| 31 | 455 | 6 | 4 | 31 | 460 | 5 | 10 |
| 32 | 470 | 2 | 8 | 32 | 475 | 4 | 2 |
| 33 | 484 | 11 | 0 | 33 | 490 | 2 | 5 |
| 34 | 499 | 7 | 4 | 34 | 505 | 0 | 8 |
| 35 | 514 | 3 | 8 | 35 | 519 | 10 | 11 |
| 36 | 529 | 0 | 0 | 36 | 534 | 9 | 2 |
| 37 | 543 | 8 | 4 | 37 | 549 | 7 | 5 |
| 38 | 558 | 4 | 8 | 38 | 564 | 5 | 8 |
| 39 | 573 | 1 | 0 | 39 | 579 | 3 | 11 |
| 40 | 587 | 9 | 4 | 40 | 594 | 2 | 2 |
| 41 | 602 | 5 | 8 | 41 | 609 | 0 | 5 |
| 42 | 617 | 2 | 0 | 42 | 623 | 10 | 8 |
| 43 | 631 | 10 | 4 | 43 | 638 | 8 | 11 |
| 44 | 646 | 6 | 8 | 44 | 653 | 7 | 2 |
| 45 | 661 | 3 | 0 | 45 | 668 | 5 | 5 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 3 | 8 | 10 | $\frac{1}{4}$ | 3 | 8 | 69 |
| $\frac{1}{2}$ | 7 | 4 | 20 | $\frac{1}{2}$ | 7 | 5 | 16 |
| $\frac{3}{4}$ | 11 | 0 | 30 | $\frac{3}{4}$ | 11 | 1 | 83 |

| a. | Ft. long | Side 46 $\frac{1}{2}$ | | | Ft. long | Side 46 $\frac{3}{4}$ | | | | |
|---------------------|----------|-----------------------|-----|-----|----------|-----------------------|-----|-----|-----|----|
| | | Ft. | In. | Pa. | | Ft. | In. | Pa. | | |
| 3 | 1 | 15 | 0 | 2 | 1 | 15 | 2 | 1 | | |
| 6 | 2 | 30 | 0 | 4 | 2 | 30 | 4 | 3 | | |
| 9 | 3 | 45 | 0 | 6 | 3 | 45 | 6 | 4 | | |
| 0 | 4 | 60 | 0 | 9 | 4 | 60 | 8 | 6 | | |
| 3 | 5 | 75 | 0 | 11 | 5 | 75 | 10 | 7 | | |
| 6 | 6 | 90 | 1 | 1 | 6 | 91 | 0 | 9 | | |
| 9 | 7 | 105 | 1 | 3 | 7 | 106 | 2 | 10 | | |
| 0 | 8 | 120 | 1 | 6 | 8 | 121 | 5 | 0 | | |
| 3 | 9 | 135 | 1 | 8 | 9 | 136 | 7 | 2 | | |
| 6 | 10 | 150 | 1 | 10 | 10 | 151 | 9 | 3 | | |
| 9 | 11 | 165 | 2 | 0 | 11 | 166 | 11 | 5 | | |
| 0 | 12 | 180 | 2 | 3 | 12 | 182 | 1 | 6 | | |
| 3 | 13 | 195 | 2 | 5 | 13 | 197 | 3 | 8 | | |
| 6 | 14 | 210 | 2 | 7 | 14 | 212 | 5 | 9 | | |
| 9 | 15 | 225 | 2 | 9 | 15 | 227 | 7 | 11 | | |
| 1 | 16 | 240 | 3 | 0 | 16 | 242 | 10 | 1 | | |
| 4 | 17 | 255 | 3 | 2 | 17 | 258 | 0 | 2 | | |
| 7 | 18 | 270 | 3 | 4 | 18 | 273 | 2 | 4 | | |
| 10 | 19 | 285 | 3 | 6 | 19 | 288 | 4 | 5 | | |
| 1 | 20 | 300 | 3 | 9 | 20 | 303 | 6 | 7 | | |
| 4 | 21 | 315 | 3 | 11 | 21 | 318 | 8 | 8 | | |
| 7 | 22 | 330 | 4 | 1 | 22 | 333 | 10 | 10 | | |
| 10 | 23 | 345 | 4 | 3 | 23 | 349 | 0 | 11 | | |
| 1 | 24 | 360 | 4 | 6 | 24 | 364 | 3 | 1 | | |
| 4 | 25 | 375 | 4 | 8 | 25 | 379 | 5 | 3 | | |
| 7 | 26 | 390 | 4 | 10 | 26 | 394 | 7 | 4 | | |
| 10 | 27 | 405 | 5 | 0 | 27 | 409 | 9 | 6 | | |
| 1 | 28 | 420 | 5 | 3 | 28 | 424 | 11 | 7 | | |
| 4 | 29 | 435 | 5 | 5 | 29 | 440 | 1 | 9 | | |
| 7 | 30 | 450 | 5 | 7 | 30 | 455 | 3 | 10 | | |
| 10 | 31 | 465 | 5 | 9 | 31 | 470 | 6 | 0 | | |
| 2 | 32 | 480 | 6 | 0 | 32 | 485 | 8 | 2 | | |
| 5 | 33 | 495 | 6 | 2 | 33 | 500 | 10 | 3 | | |
| 8 | 34 | 510 | 6 | 4 | 34 | 516 | 0 | 5 | | |
| 11 | 35 | 525 | 6 | 6 | 35 | 531 | 2 | 6 | | |
| 2 | 36 | 540 | 6 | 9 | 36 | 546 | 4 | 8 | | |
| 5 | 37 | 555 | 6 | 11 | 37 | 561 | 6 | 9 | | |
| 8 | 38 | 570 | 7 | 1 | 38 | 576 | 8 | 11 | | |
| 11 | 39 | 585 | 7 | 3 | 39 | 591 | 11 | 0 | | |
| 2 | 40 | 600 | 7 | 6 | 40 | 607 | 1 | 2 | | |
| 5 | 41 | 615 | 7 | 8 | 41 | 622 | 3 | 4 | | |
| 8 | 42 | 630 | 7 | 10 | 42 | 637 | 5 | 5 | | |
| 11 | 43 | 645 | 8 | 0 | 43 | 652 | 7 | 7 | | |
| 2 | 44 | 660 | 8 | 3 | 44 | 667 | 9 | 8 | | |
| 5 | 45 | 675 | 8 | 5 | 45 | 682 | 11 | 10 | | |
| Foot. | | | | | | | | | | |
| Pa. S. | | | | | | | | | | |
| 6 | 9 | | | | | | | | | |
| 1 | 6 | | | | | | | | | |
| 8 | 3 | | | | | | | | | |
| Quarters of a Foot. | | | | | | | | | | |
| | | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| $\frac{1}{4}$ | | 3 | 9 | 0 | 6 | $\frac{1}{4}$ | 3 | 9 | 6 | 3 |
| $\frac{1}{2}$ | | 7 | 6 | 1 | 0 | $\frac{1}{2}$ | 7 | 7 | 0 | 6 |
| $\frac{3}{4}$ | | 11 | 3 | 1 | 6 | $\frac{3}{4}$ | 11 | 4 | 6 | 9 |

| Ft. long | Side 47 Inch. | | | Ft. long | Side 47 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 15 | 4 | 1 | 1 | 15 | 6 | 0 |
| 2 | 30 | 8 | 2 | 2 | 31 | 0 | 1 |
| 3 | 46 | 0 | 3 | 3 | 46 | 6 | 1 |
| 4 | 61 | 4 | 4 | 4 | 62 | 0 | 2 |
| 5 | 76 | 8 | 5 | 5 | 77 | 6 | 2 |
| 6 | 92 | 0 | 6 | 6 | 93 | 0 | 3 |
| 7 | 107 | 4 | 7 | 7 | 108 | 6 | 3 |
| 8 | 122 | 8 | 8 | 8 | 124 | 0 | 4 |
| 9 | 138 | 0 | 9 | 9 | 139 | 6 | 5 |
| 10 | 153 | 4 | 10 | 10 | 155 | 0 | 5 |
| 11 | 168 | 8 | 11 | 11 | 170 | 6 | 6 |
| 12 | 184 | 1 | 0 | 12 | 186 | 0 | 6 |
| 13 | 199 | 5 | 1 | 13 | 201 | 6 | 7 |
| 14 | 214 | 9 | 2 | 14 | 217 | 0 | 7 |
| 15 | 230 | 1 | 3 | 15 | 232 | 6 | 8 |
| 16 | 245 | 5 | 4 | 16 | 248 | 0 | 9 |
| 17 | 260 | 9 | 5 | 17 | 263 | 6 | 9 |
| 18 | 276 | 1 | 6 | 18 | 279 | 0 | 10 |
| 19 | 291 | 5 | 7 | 19 | 294 | 6 | 10 |
| 20 | 306 | 9 | 8 | 20 | 310 | 0 | 11 |
| 21 | 322 | 1 | 9 | 21 | 325 | 6 | 11 |
| 22 | 337 | 5 | 10 | 22 | 341 | 1 | 0 |
| 23 | 352 | 9 | 11 | 23 | 356 | 7 | 0 |
| 24 | 368 | 2 | 0 | 24 | 372 | 1 | 1 |
| 25 | 383 | 6 | 1 | 25 | 387 | 7 | 2 |
| 26 | 398 | 10 | 2 | 26 | 403 | 1 | 2 |
| 27 | 414 | 2 | 3 | 27 | 418 | 7 | 3 |
| 28 | 429 | 6 | 4 | 28 | 434 | 1 | 3 |
| 29 | 444 | 10 | 5 | 29 | 449 | 7 | 4 |
| 30 | 460 | 2 | 6 | 30 | 465 | 1 | 4 |
| 31 | 475 | 6 | 7 | 31 | 480 | 7 | 5 |
| 32 | 490 | 10 | 8 | 32 | 496 | 1 | 6 |
| 33 | 506 | 2 | 9 | 33 | 511 | 7 | 6 |
| 34 | 521 | 6 | 10 | 34 | 527 | 1 | 7 |
| 35 | 536 | 10 | 11 | 35 | 542 | 7 | 7 |
| 36 | 552 | 3 | 0 | 36 | 558 | 1 | 8 |
| 37 | 567 | 7 | 1 | 37 | 573 | 7 | 8 |
| 38 | 582 | 11 | 2 | 38 | 589 | 1 | 9 |
| 39 | 598 | 3 | 3 | 39 | 604 | 7 | 9 |
| 40 | 613 | 7 | 4 | 40 | 620 | 1 | 10 |
| 41 | 628 | 11 | 5 | 41 | 635 | 7 | 11 |
| 42 | 644 | 3 | 6 | 42 | 651 | 1 | 11 |
| 43 | 659 | 7 | 7 | 43 | 666 | 8 | 0 |
| 44 | 674 | 11 | 8 | 44 | 682 | 2 | 0 |
| 45 | 690 | 3 | 9 | 45 | 697 | 8 | 1 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 3 | 10 | 0 3 | $\frac{1}{4}$ | 3 | 10 | 6 0 |
| $\frac{1}{2}$ | 7 | 8 | 0 6 | $\frac{1}{2}$ | 7 | 9 | 0 0 |
| $\frac{3}{4}$ | 11 | 6 | 0 9 | $\frac{3}{4}$ | 11 | 7 | 6 0 |

| Pa. | Ft. long | Side 47 $\frac{1}{2}$ | | | Ft. long | Side 47 $\frac{1}{4}$ | | | |
|---------|----------|-----------------------|-----|-----|----------|-----------------------|-----|-----|-----|
| | | Ft. | In. | Pa. | | Ft. | In. | Pa. | |
| 0 | 1 | 15 | 8 | 0 | 1 | 15 | 10 | 0 | |
| 1 | 2 | 31 | 4 | 0 | 2 | 31 | 8 | 0 | |
| 1 | 3 | 47 | 0 | 0 | 3 | 47 | 6 | 0 | |
| 2 | 4 | 62 | 8 | 1 | 4 | 63 | 4 | 0 | |
| 2 | 5 | 78 | 4 | 1 | 5 | 79 | 2 | 0 | |
| 3 | 6 | 94 | 0 | 1 | 6 | 95 | 0 | 0 | |
| 3 | 7 | 109 | 8 | 1 | 7 | 110 | 10 | 0 | |
| 4 | 8 | 125 | 4 | 2 | 8 | 126 | 8 | 0 | |
| 5 | 9 | 141 | 0 | 2 | 9 | 142 | 6 | 0 | |
| 5 | 10 | 156 | 8 | 2 | 10 | 158 | 4 | 0 | |
| 6 | 11 | 172 | 4 | 2 | 11 | 174 | 2 | 0 | |
| 6 | 12 | 188 | 0 | 3 | 12 | 190 | 0 | 0 | |
| 7 | 13 | 203 | 8 | 3 | 13 | 205 | 10 | 0 | |
| 7 | 14 | 219 | 4 | 3 | 14 | 221 | 8 | 0 | |
| 8 | 15 | 235 | 0 | 3 | 15 | 237 | 6 | 0 | |
| 9 | 16 | 250 | 8 | 4 | 16 | 253 | 4 | 1 | |
| 9 | 17 | 266 | 4 | 4 | 17 | 269 | 2 | 1 | |
| 10 | 18 | 282 | 0 | 4 | 18 | 285 | 0 | 1 | |
| 10 | 19 | 297 | 8 | 4 | 19 | 300 | 10 | 1 | |
| 11 | 20 | 313 | 4 | 5 | 20 | 316 | 8 | 1 | |
| 11 | 21 | 329 | 0 | 5 | 21 | 332 | 6 | 1 | |
| 0 | 22 | 344 | 8 | 5 | 22 | 348 | 4 | 1 | |
| 0 | 23 | 360 | 4 | 5 | 23 | 364 | 2 | 1 | |
| 1 | 24 | 376 | 0 | 6 | 24 | 380 | 0 | 1 | |
| 2 | 25 | 391 | 8 | 6 | 25 | 395 | 10 | 1 | |
| 2 | 26 | 407 | 4 | 6 | 26 | 411 | 8 | 1 | |
| 3 | 27 | 423 | 0 | 6 | 27 | 427 | 6 | 1 | |
| 3 | 28 | 438 | 8 | 7 | 28 | 443 | 4 | 1 | |
| 4 | 29 | 454 | 4 | 7 | 29 | 459 | 2 | 1 | |
| 4 | 30 | 470 | 0 | 7 | 30 | 475 | 0 | 1 | |
| 5 | 31 | 485 | 8 | 7 | 31 | 490 | 10 | 1 | |
| 6 | 32 | 501 | 4 | 8 | 32 | 506 | 8 | 2 | |
| 6 | 33 | 517 | 0 | 8 | 33 | 522 | 6 | 2 | |
| 7 | 34 | 532 | 8 | 8 | 34 | 538 | 4 | 2 | |
| 7 | 35 | 548 | 4 | 8 | 35 | 554 | 2 | 2 | |
| 8 | 36 | 564 | 0 | 9 | 36 | 570 | 0 | 2 | |
| 8 | 37 | 579 | 8 | 9 | 37 | 585 | 10 | 2 | |
| 9 | 38 | 595 | 4 | 9 | 38 | 601 | 8 | 2 | |
| 9 | 39 | 611 | 0 | 9 | 39 | 617 | 6 | 2 | |
| 10 | 40 | 626 | 8 | 10 | 40 | 633 | 4 | 2 | |
| 11 | 41 | 642 | 4 | 10 | 41 | 649 | 2 | 2 | |
| 11 | 42 | 658 | 0 | 10 | 42 | 665 | 0 | 2 | |
| 0 | 43 | 673 | 8 | 10 | 43 | 680 | 10 | 2 | |
| 0 | 44 | 689 | 4 | 11 | 44 | 696 | 8 | 2 | |
| 1 | 45 | 705 | 0 | 11 | 45 | 712 | 6 | 2 | |
| a Foot. | | Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| n. | Pa. S. | Ft. | In. | Pa. | S. | Ft. | In. | Pa. | S. |
| 0 | 6 0 | $\frac{1}{4}$ | 3 | 11 | 0 0 | $\frac{1}{4}$ | 3 | 11 | 6 0 |
| 9 | 0 0 | $\frac{1}{2}$ | 7 | 10 | 0 0 | $\frac{1}{2}$ | 7 | 11 | 0 0 |
| 7 | 6 0 | $\frac{3}{4}$ | 11 | 9 | 0 0 | $\frac{3}{4}$ | 11 | 10 | 6 0 |

| Ft. long | Side 48 Inch. | | | Ft. long | Side 48 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 16 | 0 | 0 | 1 | 16 | 2 | 0 |
| 2 | 32 | 0 | 0 | 2 | 32 | 4 | 0 |
| 3 | 48 | 0 | 0 | 3 | 48 | 6 | 0 |
| 4 | 64 | 0 | 0 | 4 | 64 | 8 | 0 |
| 5 | 80 | 0 | 0 | 5 | 80 | 10 | 0 |
| 6 | 96 | 0 | 0 | 6 | 97 | 0 | 0 |
| 7 | 112 | 0 | 0 | 7 | 113 | 2 | 0 |
| 8 | 128 | 0 | 0 | 8 | 129 | 4 | 0 |
| 9 | 144 | 0 | 0 | 9 | 145 | 6 | 0 |
| 10 | 160 | 0 | 0 | 10 | 161 | 8 | 0 |
| 11 | 176 | 0 | 0 | 11 | 177 | 10 | 0 |
| 12 | 192 | 0 | 0 | 12 | 194 | 0 | 0 |
| 13 | 208 | 0 | 0 | 13 | 210 | 2 | 0 |
| 14 | 224 | 0 | 0 | 14 | 226 | 4 | 0 |
| 15 | 240 | 0 | 0 | 15 | 242 | 6 | 0 |
| 16 | 256 | 0 | 0 | 16 | 258 | 8 | 1 |
| 17 | 272 | 0 | 0 | 17 | 274 | 10 | 1 |
| 18 | 288 | 0 | 0 | 18 | 291 | 0 | 1 |
| 19 | 304 | 0 | 0 | 19 | 307 | 2 | 1 |
| 20 | 320 | 0 | 0 | 20 | 323 | 4 | 1 |
| 21 | 336 | 0 | 0 | 21 | 339 | 6 | 1 |
| 22 | 352 | 0 | 0 | 22 | 355 | 8 | 1 |
| 23 | 368 | 0 | 0 | 23 | 371 | 10 | 1 |
| 24 | 384 | 0 | 0 | 24 | 388 | 0 | 1 |
| 25 | 400 | 0 | 0 | 25 | 404 | 2 | 1 |
| 26 | 416 | 0 | 0 | 26 | 420 | 4 | 1 |
| 27 | 432 | 0 | 0 | 27 | 436 | 6 | 1 |
| 28 | 448 | 0 | 0 | 28 | 452 | 8 | 1 |
| 29 | 464 | 0 | 0 | 29 | 468 | 10 | 1 |
| 30 | 480 | 0 | 0 | 30 | 485 | 0 | 1 |
| 31 | 496 | 0 | 0 | 31 | 501 | 2 | 1 |
| 32 | 512 | 0 | 0 | 32 | 517 | 4 | 2 |
| 33 | 528 | 0 | 0 | 33 | 533 | 6 | 2 |
| 34 | 544 | 0 | 0 | 34 | 549 | 8 | 2 |
| 35 | 560 | 0 | 0 | 35 | 565 | 10 | 2 |
| 36 | 576 | 0 | 0 | 36 | 582 | 0 | 2 |
| 37 | 592 | 0 | 0 | 37 | 598 | 2 | 2 |
| 38 | 608 | 0 | 0 | 38 | 614 | 4 | 2 |
| 39 | 624 | 0 | 0 | 39 | 630 | 6 | 2 |
| 40 | 640 | 0 | 0 | 40 | 646 | 8 | 2 |
| 41 | 656 | 0 | 0 | 41 | 662 | 10 | 2 |
| 42 | 672 | 0 | 0 | 42 | 679 | 0 | 2 |
| 43 | 688 | 0 | 0 | 43 | 695 | 2 | 2 |
| 44 | 704 | 0 | 0 | 44 | 711 | 4 | 2 |
| 45 | 720 | 0 | 0 | 45 | 727 | 6 | 2 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 4 | 0 | 0 0 | $\frac{1}{4}$ | 4 | 0 | 6 0 |
| $\frac{1}{2}$ | 8 | 0 | 0 0 | $\frac{1}{2}$ | 8 | 1 | 0 0 |
| $\frac{3}{4}$ | 12 | 0 | 0 0 | $\frac{3}{4}$ | 12 | 1 | 6 0 |

[illegible]

| Ft. long | Side 48 $\frac{1}{2}$ | | | Ft. long | Side 48 $\frac{3}{4}$ | | |
|----------|-----------------------|-----|-----|----------|-----------------------|-----|-----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 16 | 4 | 0 | 1 | 16 | 6 | 0 |
| 2 | 32 | 8 | 0 | 2 | 33 | 0 | 1 |
| 3 | 49 | 0 | 0 | 3 | 49 | 6 | 1 |
| 4 | 65 | 4 | 1 | 4 | 66 | 0 | 2 |
| 5 | 81 | 8 | 1 | 5 | 82 | 6 | 2 |
| 6 | 98 | 0 | 1 | 6 | 99 | 0 | 3 |
| 7 | 114 | 4 | 1 | 7 | 115 | 6 | 3 |
| 8 | 130 | 8 | 2 | 8 | 132 | 0 | 4 |
| 9 | 147 | 0 | 2 | 9 | 148 | 6 | 5 |
| 10 | 163 | 4 | 2 | 10 | 165 | 0 | 5 |
| 11 | 179 | 8 | 2 | 11 | 181 | 6 | 6 |
| 12 | 196 | 0 | 3 | 12 | 198 | 0 | 6 |
| 13 | 212 | 4 | 3 | 13 | 214 | 6 | 7 |
| 14 | 228 | 8 | 3 | 14 | 231 | 0 | 7 |
| 15 | 245 | 0 | 3 | 15 | 247 | 6 | 8 |
| 16 | 261 | 4 | 4 | 16 | 264 | 0 | 9 |
| 17 | 277 | 8 | 4 | 17 | 280 | 6 | 9 |
| 18 | 294 | 0 | 4 | 18 | 297 | 0 | 10 |
| 19 | 310 | 4 | 4 | 19 | 313 | 6 | 10 |
| 20 | 326 | 8 | 5 | 20 | 330 | 0 | 11 |
| 21 | 343 | 0 | 5 | 21 | 346 | 6 | 11 |
| 22 | 359 | 4 | 5 | 22 | 363 | 1 | 0 |
| 23 | 375 | 8 | 5 | 23 | 379 | 7 | 0 |
| 24 | 392 | 0 | 6 | 24 | 396 | 1 | 1 |
| 25 | 408 | 4 | 6 | 25 | 412 | 7 | 1 |
| 26 | 424 | 8 | 6 | 26 | 429 | 1 | 2 |
| 27 | 441 | 0 | 6 | 27 | 445 | 7 | 2 |
| 28 | 457 | 4 | 7 | 28 | 462 | 1 | 3 |
| 29 | 473 | 8 | 7 | 29 | 478 | 7 | 4 |
| 30 | 490 | 0 | 7 | 30 | 495 | 1 | 4 |
| 31 | 506 | 4 | 7 | 31 | 511 | 7 | 5 |
| 32 | 522 | 8 | 8 | 32 | 528 | 1 | 5 |
| 33 | 539 | 0 | 8 | 33 | 544 | 7 | 6 |
| 34 | 555 | 4 | 8 | 34 | 561 | 1 | 6 |
| 35 | 571 | 8 | 8 | 35 | 577 | 7 | 7 |
| 36 | 588 | 0 | 9 | 36 | 594 | 1 | 8 |
| 37 | 604 | 4 | 9 | 37 | 610 | 7 | 8 |
| 38 | 620 | 8 | 9 | 38 | 627 | 1 | 9 |
| 39 | 637 | 0 | 9 | 39 | 643 | 7 | 9 |
| 40 | 653 | 4 | 10 | 40 | 660 | 1 | 10 |
| 41 | 669 | 8 | 10 | 41 | 676 | 7 | 10 |
| 42 | 686 | 0 | 10 | 42 | 693 | 1 | 11 |
| 43 | 702 | 4 | 10 | 43 | 709 | 7 | 11 |
| 44 | 718 | 8 | 11 | 44 | 726 | 2 | 0 |
| 45 | 735 | 0 | 11 | 45 | 742 | 8 | 1 |

| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
|---------------------|-----|-----|--------|---------------------|-----|-----|--------|
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 4 | 1 | 0 0 | $\frac{1}{4}$ | 4 | 1 | 6 0 |
| $\frac{1}{2}$ | 8 | 2 | 0 0 | $\frac{1}{2}$ | 8 | 3 | 0 0 |
| $\frac{3}{4}$ | 12 | 3 | 0 0 | $\frac{3}{4}$ | 12 | 4 | 6 0 |

| Ft. long | Side 49 Inch. | | | Ft. long | Side 49 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 16 | 8 | 1 | 1 | 16 | 10 | 1 |
| 2 | 33 | 4 | 2 | 2 | 33 | 8 | 3 |
| 3 | 50 | 0 | 3 | 3 | 50 | 6 | 4 |
| 4 | 66 | 8 | 4 | 4 | 67 | 4 | 6 |
| 5 | 83 | 4 | 5 | 5 | 84 | 2 | 7 |
| 6 | 100 | 0 | 6 | 6 | 101 | 0 | 9 |
| 7 | 116 | 8 | 7 | 7 | 117 | 10 | 10 |
| 8 | 133 | 4 | 8 | 8 | 134 | 9 | 0 |
| 9 | 150 | 0 | 9 | 9 | 151 | 7 | 2 |
| 10 | 166 | 8 | 10 | 10 | 168 | 5 | 3 |
| 11 | 183 | 4 | 11 | 11 | 185 | 3 | 5 |
| 12 | 200 | 1 | 0 | 12 | 202 | 1 | 6 |
| 13 | 216 | 9 | 1 | 13 | 218 | 11 | 8 |
| 14 | 233 | 5 | 2 | 14 | 235 | 9 | 9 |
| 15 | 250 | 1 | 3 | 15 | 252 | 7 | 11 |
| 16 | 266 | 9 | 4 | 16 | 269 | 6 | 1 |
| 17 | 283 | 5 | 5 | 17 | 286 | 4 | 2 |
| 18 | 300 | 1 | 6 | 18 | 303 | 2 | 4 |
| 19 | 316 | 9 | 7 | 19 | 320 | 0 | 5 |
| 20 | 333 | 5 | 8 | 20 | 336 | 10 | 7 |
| 21 | 350 | 1 | 9 | 21 | 353 | 8 | 8 |
| 22 | 366 | 9 | 10 | 22 | 370 | 6 | 10 |
| 23 | 383 | 5 | 11 | 23 | 387 | 4 | 11 |
| 24 | 400 | 2 | 0 | 24 | 404 | 3 | 1 |
| 25 | 416 | 10 | 1 | 25 | 421 | 1 | 3 |
| 26 | 433 | 6 | 2 | 26 | 437 | 11 | 4 |
| 27 | 450 | 2 | 3 | 27 | 454 | 9 | 6 |
| 28 | 466 | 10 | 4 | 28 | 471 | 7 | 7 |
| 29 | 483 | 6 | 5 | 29 | 488 | 5 | 9 |
| 30 | 500 | 2 | 6 | 30 | 505 | 3 | 10 |
| 31 | 516 | 10 | 7 | 31 | 522 | 2 | 0 |
| 32 | 533 | 6 | 8 | 32 | 539 | 0 | 2 |
| 33 | 550 | 2 | 9 | 33 | 555 | 10 | 3 |
| 34 | 566 | 10 | 10 | 34 | 572 | 8 | 5 |
| 35 | 583 | 6 | 11 | 35 | 589 | 6 | 6 |
| 36 | 600 | 3 | 0 | 36 | 606 | 4 | 8 |
| 37 | 616 | 11 | 1 | 37 | 623 | 2 | 9 |
| 38 | 633 | 7 | 2 | 38 | 640 | 0 | 11 |
| 39 | 650 | 3 | 3 | 39 | 656 | 11 | 1 |
| 40 | 666 | 11 | 4 | 40 | 673 | 9 | 2 |
| 41 | 683 | 7 | 5 | 41 | 690 | 7 | 4 |
| 42 | 700 | 3 | 6 | 42 | 707 | 5 | 5 |
| 43 | 716 | 11 | 7 | 43 | 724 | 3 | 7 |
| 44 | 733 | 7 | 8 | 44 | 741 | 1 | 8 |
| 45 | 750 | 3 | 9 | 45 | 757 | 11 | 10 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 4 | 2 | 0 3 | $\frac{1}{4}$ | 4 | 2 | 6 3 |
| $\frac{1}{2}$ | 8 | 4 | 0 6 | $\frac{1}{2}$ | 8 | 5 | 0 6 |
| $\frac{3}{4}$ | 12 | 6 | 0 9 | $\frac{3}{4}$ | 12 | 7 | 6 9 |

| Ft. long | Side 49 $\frac{1}{2}$ | | | Ft. long | Side 49 $\frac{3}{4}$ | | | | |
|---------------------|-----------------------|-----|-----|---------------------|-----------------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. | | |
| 1 | 17 | 0 | 2 | 1 | 17 | 2 | 3 | | |
| 2 | 34 | 0 | 4 | 2 | 34 | 4 | 6 | | |
| 3 | 51 | 0 | 6 | 3 | 51 | 6 | 9 | | |
| 4 | 68 | 0 | 9 | 4 | 68 | 9 | 0 | | |
| 5 | 85 | 0 | 11 | 5 | 85 | 11 | 3 | | |
| 6 | 102 | 1 | 1 | 6 | 103 | 1 | 6 | | |
| 7 | 119 | 1 | 3 | 7 | 120 | 3 | 9 | | |
| 8 | 136 | 1 | 6 | 8 | 137 | 6 | 0 | | |
| 9 | 153 | 1 | 8 | 9 | 154 | 8 | 3 | | |
| 10 | 170 | 1 | 10 | 10 | 171 | 10 | 6 | | |
| 11 | 187 | 2 | 0 | 11 | 189 | 0 | 9 | | |
| 12 | 204 | 2 | 3 | 12 | 206 | 3 | 0 | | |
| 13 | 221 | 2 | 5 | 13 | 223 | 5 | 3 | | |
| 14 | 238 | 2 | 7 | 14 | 240 | 7 | 6 | | |
| 15 | 255 | 2 | 9 | 15 | 257 | 9 | 9 | | |
| 16 | 272 | 3 | 0 | 16 | 275 | 0 | 1 | | |
| 17 | 289 | 3 | 2 | 17 | 292 | 2 | 4 | | |
| 18 | 306 | 3 | 4 | 18 | 309 | 4 | 7 | | |
| 19 | 323 | 3 | 6 | 19 | 326 | 6 | 10 | | |
| 20 | 340 | 3 | 9 | 20 | 343 | 9 | 1 | | |
| 21 | 357 | 3 | 11 | 21 | 360 | 11 | 4 | | |
| 22 | 374 | 4 | 1 | 22 | 378 | 1 | 7 | | |
| 23 | 391 | 4 | 3 | 23 | 395 | 3 | 10 | | |
| 24 | 408 | 4 | 6 | 24 | 412 | 6 | 1 | | |
| 25 | 425 | 4 | 8 | 25 | 429 | 8 | 4 | | |
| 26 | 442 | 4 | 10 | 26 | 446 | 10 | 7 | | |
| 27 | 459 | 5 | 0 | 27 | 464 | 0 | 10 | | |
| 28 | 476 | 5 | 3 | 28 | 481 | 3 | 1 | | |
| 29 | 493 | 5 | 5 | 29 | 498 | 5 | 4 | | |
| 30 | 510 | 5 | 7 | 30 | 515 | 7 | 7 | | |
| 31 | 527 | 5 | 9 | 31 | 532 | 9 | 10 | | |
| 32 | 544 | 6 | 0 | 32 | 550 | 0 | 2 | | |
| 33 | 561 | 6 | 2 | 33 | 567 | 2 | 5 | | |
| 34 | 578 | 6 | 4 | 34 | 584 | 4 | 8 | | |
| 35 | 595 | 6 | 6 | 35 | 601 | 6 | 11 | | |
| 36 | 612 | 6 | 9 | 36 | 618 | 9 | 2 | | |
| 37 | 629 | 6 | 11 | 37 | 635 | 11 | 5 | | |
| 38 | 646 | 7 | 1 | 38 | 653 | 1 | 8 | | |
| 39 | 663 | 7 | 3 | 39 | 670 | 3 | 11 | | |
| 40 | 680 | 7 | 6 | 40 | 687 | 6 | 2 | | |
| 41 | 697 | 7 | 8 | 41 | 704 | 8 | 5 | | |
| 42 | 714 | 7 | 10 | 42 | 721 | 10 | 8 | | |
| 43 | 731 | 8 | 0 | 43 | 739 | 0 | 11 | | |
| 44 | 748 | 8 | 3 | 44 | 756 | 3 | 2 | | |
| 45 | 765 | 8 | 5 | 45 | 773 | 5 | 5 | | |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | | | |
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| $\frac{1}{4}$ | 4 | 3 | 0 | 6 | $\frac{1}{4}$ | 4 | 3 | 6 | 9 |
| $\frac{1}{2}$ | 8 | 6 | 1 | 0 | $\frac{1}{2}$ | 8 | 7 | 1 | 6 |
| $\frac{3}{4}$ | 12 | 9 | 1 | 6 | $\frac{3}{4}$ | 12 | 10 | 8 | 3 |

| Ft. long | Side 50 Inch. | | | Ft. long | Side 50 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 17 | 4 | 4 | 1 | 17 | 6 | 5 |
| 2 | 34 | 8 | 8 | 2 | 35 | 0 | 10 |
| 3 | 52 | 1 | 0 | 3 | 52 | 7 | 3 |
| 4 | 69 | 5 | 4 | 4 | 70 | 1 | 8 |
| 5 | 86 | 9 | 8 | 5 | 87 | 8 | 1 |
| 6 | 104 | 2 | 0 | 6 | 105 | 2 | 6 |
| 7 | 121 | 6 | 4 | 7 | 122 | 8 | 11 |
| 8 | 138 | 10 | 8 | 8 | 140 | 3 | 4 |
| 9 | 156 | 3 | 0 | 9 | 157 | 9 | 9 |
| 10 | 173 | 7 | 4 | 10 | 175 | 4 | 2 |
| 11 | 190 | 11 | 8 | 11 | 192 | 10 | 7 |
| 12 | 208 | 4 | 0 | 12 | 210 | 5 | 0 |
| 13 | 225 | 8 | 4 | 13 | 227 | 11 | 5 |
| 14 | 243 | 0 | 8 | 14 | 245 | 5 | 10 |
| 15 | 260 | 5 | 0 | 15 | 263 | 0 | 3 |
| 16 | 277 | 9 | 4 | 16 | 280 | 6 | 9 |
| 17 | 295 | 1 | 8 | 17 | 298 | 1 | 2 |
| 18 | 312 | 6 | 0 | 18 | 315 | 7 | 7 |
| 19 | 329 | 10 | 4 | 19 | 333 | 2 | 0 |
| 20 | 347 | 2 | 8 | 20 | 350 | 8 | 5 |
| 21 | 364 | 7 | 0 | 21 | 368 | 2 | 10 |
| 22 | 381 | 11 | 4 | 22 | 385 | 9 | 3 |
| 23 | 399 | 3 | 8 | 23 | 403 | 3 | 8 |
| 24 | 416 | 8 | 0 | 24 | 420 | 10 | 1 |
| 25 | 434 | 0 | 4 | 25 | 438 | 4 | 6 |
| 26 | 451 | 4 | 8 | 26 | 455 | 10 | 11 |
| 27 | 468 | 9 | 0 | 27 | 473 | 5 | 4 |
| 28 | 486 | 1 | 4 | 28 | 490 | 11 | 9 |
| 29 | 503 | 5 | 8 | 29 | 508 | 6 | 2 |
| 30 | 520 | 10 | 0 | 30 | 526 | 0 | 7 |
| 31 | 538 | 2 | 4 | 31 | 543 | 7 | 0 |
| 32 | 555 | 6 | 8 | 32 | 561 | 1 | 6 |
| 33 | 572 | 11 | 0 | 33 | 578 | 7 | 11 |
| 34 | 590 | 3 | 4 | 34 | 596 | 2 | 4 |
| 35 | 607 | 7 | 8 | 35 | 613 | 8 | 9 |
| 36 | 625 | 0 | 0 | 36 | 631 | 3 | 2 |
| 37 | 642 | 4 | 4 | 37 | 648 | 9 | 7 |
| 38 | 659 | 8 | 8 | 38 | 666 | 4 | 0 |
| 39 | 677 | 1 | 0 | 39 | 683 | 10 | 5 |
| 40 | 694 | 5 | 4 | 40 | 701 | 4 | 10 |
| 41 | 711 | 9 | 8 | 41 | 718 | 11 | 3 |
| 42 | 729 | 2 | 0 | 42 | 736 | 5 | 8 |
| 43 | 747 | 6 | 4 | 43 | 754 | 0 | 1 |
| 44 | 764 | 10 | 8 | 44 | 771 | 6 | 6 |
| 45 | 782 | 3 | 0 | 45 | 789 | 0 | 11 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 4 | 4 | 1 0 | $\frac{1}{4}$ | 4 | 4 | 7 3 |
| $\frac{1}{2}$ | 8 | 8 | 2 0 | $\frac{1}{2}$ | 8 | 9 | 2 6 |
| $\frac{3}{4}$ | 13 | 0 | 3 0 | $\frac{3}{4}$ | 13 | 1 | 9 9 |

| Ft. long. | Side 50 $\frac{1}{2}$ | | | Ft. long. | Side 50 $\frac{3}{4}$ | | |
|-----------|-----------------------|-----|-----|-----------|-----------------------|-----|-----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 17 | 8 | 6 | 1 | 17 | 10 | 7 |
| 2 | 35 | 5 | 0 | 2 | 35 | 9 | 3 |
| 3 | 53 | 1 | 6 | 3 | 53 | 7 | 10 |
| 4 | 70 | 10 | 1 | 4 | 71 | 6 | 6 |
| 5 | 88 | 6 | 7 | 5 | 89 | 5 | 1 |
| 6 | 106 | 3 | 1 | 6 | 107 | 3 | 9 |
| 7 | 123 | 11 | 7 | 7 | 125 | 2 | 4 |
| 8 | 141 | 8 | 2 | 8 | 143 | 1 | 0 |
| 9 | 159 | 4 | 8 | 9 | 160 | 11 | 8 |
| 10 | 177 | 1 | 2 | 10 | 178 | 10 | 3 |
| 11 | 194 | 9 | 8 | 11 | 196 | 8 | 11 |
| 12 | 212 | 6 | 3 | 12 | 214 | 7 | 6 |
| 13 | 230 | 2 | 9 | 13 | 232 | 6 | 2 |
| 14 | 247 | 11 | 3 | 14 | 250 | 4 | 9 |
| 15 | 265 | 7 | 9 | 15 | 268 | 3 | 5 |
| 16 | 283 | 4 | 4 | 16 | 286 | 2 | 1 |
| 17 | 301 | 0 | 10 | 17 | 304 | 0 | 8 |
| 18 | 318 | 9 | 4 | 18 | 321 | 11 | 4 |
| 19 | 336 | 5 | 10 | 19 | 339 | 9 | 11 |
| 20 | 354 | 2 | 5 | 20 | 357 | 8 | 7 |
| 21 | 371 | 10 | 11 | 21 | 375 | 7 | 2 |
| 22 | 389 | 7 | 5 | 22 | 393 | 5 | 10 |
| 23 | 407 | 3 | 11 | 23 | 411 | 4 | 5 |
| 24 | 425 | 0 | 6 | 24 | 429 | 3 | 1 |
| 25 | 442 | 9 | 0 | 25 | 447 | 1 | 9 |
| 26 | 460 | 5 | 6 | 26 | 465 | 0 | 4 |
| 27 | 478 | 2 | 0 | 27 | 482 | 11 | 0 |
| 28 | 495 | 10 | 7 | 28 | 500 | 9 | 7 |
| 29 | 513 | 7 | 1 | 29 | 518 | 8 | 3 |
| 30 | 531 | 3 | 7 | 30 | 536 | 6 | 10 |
| 31 | 549 | 0 | 1 | 31 | 554 | 5 | 6 |
| 32 | 566 | 8 | 8 | 32 | 572 | 4 | 2 |
| 33 | 584 | 5 | 2 | 33 | 590 | 2 | 9 |
| 34 | 602 | 1 | 8 | 34 | 608 | 1 | 5 |
| 35 | 619 | 10 | 2 | 35 | 626 | 0 | 0 |
| 36 | 637 | 6 | 9 | 36 | 643 | 10 | 8 |
| 37 | 655 | 3 | 3 | 37 | 661 | 9 | 3 |
| 38 | 672 | 11 | 9 | 38 | 679 | 7 | 11 |
| 39 | 690 | 8 | 3 | 39 | 697 | 6 | 6 |
| 40 | 708 | 4 | 10 | 40 | 715 | 5 | 2 |
| 41 | 726 | 1 | 4 | 41 | 733 | 3 | 10 |
| 42 | 743 | 9 | 10 | 42 | 751 | 2 | 5 |
| 43 | 761 | 6 | 4 | 43 | 769 | 1 | 1 |
| 44 | 779 | 2 | 11 | 44 | 786 | 11 | 8 |
| 45 | 796 | 11 | 5 | 45 | 804 | 10 | 4 |

Quarters of a Foot.

| | Ft. | In. | Pa. | S. |
|---------------|-----|-----|-----|----|
| $\frac{1}{4}$ | 4 | 5 | 1 | 6 |
| $\frac{1}{2}$ | 8 | 10 | 3 | 0 |
| $\frac{3}{4}$ | 13 | 3 | 4 | 6 |

Quarters of a Foot.

| | Ft. | In. | Pa. | S. |
|---------------|-----|-----|-----|----|
| $\frac{1}{4}$ | 4 | 5 | 7 | 9 |
| $\frac{1}{2}$ | 8 | 11 | 3 | 6 |
| $\frac{3}{4}$ | 13 | 4 | 11 | 3 |

| Ft. long | Side 51 Inch. | | | Ft. long | Side 51 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 18 | 0 | 9 | 1 | 18 | 2 | 10 |
| 2 | 36 | 1 | 6 | 2 | 36 | 5 | 9 |
| 3 | 54 | 2 | 3 | 3 | 54 | 8 | 7 |
| 4 | 72 | 3 | 0 | 4 | 72 | 11 | 6 |
| 5 | 90 | 3 | 9 | 5 | 91 | 2 | 4 |
| 6 | 108 | 4 | 6 | 6 | 109 | 5 | 3 |
| 7 | 126 | 5 | 3 | 7 | 127 | 8 | 1 |
| 8 | 144 | 6 | 0 | 8 | 145 | 11 | 0 |
| 9 | 162 | 6 | 9 | 9 | 164 | 1 | 11 |
| 10 | 180 | 7 | 6 | 10 | 182 | 4 | 9 |
| 11 | 198 | 8 | 3 | 11 | 200 | 7 | 8 |
| 12 | 216 | 9 | 0 | 12 | 218 | 10 | 6 |
| 13 | 234 | 9 | 9 | 13 | 237 | 1 | 5 |
| 14 | 252 | 10 | 6 | 14 | 255 | 4 | 3 |
| 15 | 270 | 11 | 3 | 15 | 273 | 7 | 2 |
| 16 | 289 | 0 | 0 | 16 | 291 | 10 | 1 |
| 17 | 307 | 0 | 9 | 17 | 310 | 0 | 11 |
| 18 | 325 | 1 | 6 | 18 | 328 | 3 | 10 |
| 19 | 343 | 2 | 3 | 19 | 346 | 6 | 8 |
| 20 | 361 | 3 | 0 | 20 | 364 | 9 | 7 |
| 21 | 379 | 3 | 9 | 21 | 383 | 0 | 5 |
| 22 | 397 | 4 | 6 | 22 | 401 | 3 | 4 |
| 23 | 415 | 5 | 3 | 23 | 419 | 6 | 2 |
| 24 | 433 | 6 | 0 | 24 | 437 | 9 | 1 |
| 25 | 451 | 6 | 9 | 25 | 456 | 0 | 0 |
| 26 | 469 | 7 | 6 | 26 | 474 | 2 | 10 |
| 27 | 487 | 8 | 3 | 27 | 492 | 5 | 9 |
| 28 | 505 | 9 | 0 | 28 | 510 | 8 | 7 |
| 29 | 523 | 9 | 9 | 29 | 528 | 11 | 6 |
| 30 | 541 | 10 | 6 | 30 | 547 | 2 | 4 |
| 31 | 559 | 11 | 3 | 31 | 565 | 5 | 3 |
| 32 | 578 | 0 | 0 | 32 | 583 | 8 | 2 |
| 33 | 596 | 0 | 9 | 33 | 601 | 11 | 0 |
| 34 | 614 | 1 | 6 | 34 | 620 | 1 | 11 |
| 35 | 632 | 2 | 3 | 35 | 638 | 4 | 9 |
| 36 | 650 | 3 | 0 | 36 | 656 | 7 | 8 |
| 37 | 668 | 3 | 9 | 37 | 674 | 10 | 6 |
| 38 | 686 | 4 | 6 | 38 | 693 | 1 | 5 |
| 39 | 704 | 5 | 3 | 39 | 711 | 4 | 3 |
| 40 | 722 | 6 | 0 | 40 | 729 | 7 | 2 |
| 41 | 740 | 6 | 9 | 41 | 747 | 10 | 1 |
| 42 | 758 | 7 | 6 | 42 | 766 | 0 | 11 |
| 43 | 776 | 8 | 3 | 43 | 784 | 3 | 10 |
| 44 | 794 | 9 | 0 | 44 | 802 | 6 | 8 |
| 45 | 812 | 9 | 9 | 45 | 820 | 9 | 7 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 4 | 6 | 2 3 | $\frac{1}{4}$ | 4 | 6 | 8 6 |
| $\frac{1}{2}$ | 9 | 0 | 4 6 | $\frac{1}{2}$ | 9 | 1 | 5 0 |
| $\frac{3}{4}$ | 13 | 6 | 6 9 | $\frac{3}{4}$ | 13 | 8 | 1 6 |

| Ft. long | Side 51 $\frac{1}{2}$ | | | Ft. long | Side 51 $\frac{3}{4}$ | | |
|---------------------|-----------------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 18 | 5 | 0 | 1 | 18 | 7 | 1 |
| 2 | 36 | 10 | 0 | 2 | 37 | 2 | 2 |
| 3 | 55 | 3 | 0 | 3 | 55 | 9 | 3 |
| 4 | 73 | 8 | 1 | 4 | 74 | 4 | 4 |
| 5 | 92 | 1 | 1 | 5 | 92 | 11 | 5 |
| 6 | 110 | 6 | 1 | 6 | 111 | 6 | 6 |
| 7 | 128 | 11 | 1 | 7 | 130 | 1 | 7 |
| 8 | 147 | 4 | 2 | 8 | 148 | 8 | 8 |
| 9 | 165 | 9 | 2 | 9 | 167 | 3 | 9 |
| 10 | 184 | 2 | 2 | 10 | 185 | 10 | 10 |
| 11 | 202 | 7 | 2 | 11 | 204 | 5 | 11 |
| 12 | 221 | 0 | 3 | 12 | 223 | 1 | 0 |
| 13 | 239 | 5 | 3 | 13 | 241 | 8 | 1 |
| 14 | 257 | 10 | 3 | 14 | 260 | 3 | 2 |
| 15 | 276 | 3 | 3 | 15 | 278 | 10 | 3 |
| 16 | 294 | 8 | 4 | 16 | 297 | 5 | 5 |
| 17 | 313 | 1 | 4 | 17 | 316 | 0 | 6 |
| 18 | 331 | 6 | 4 | 18 | 334 | 7 | 7 |
| 19 | 349 | 11 | 4 | 19 | 353 | 2 | 8 |
| 20 | 368 | 4 | 5 | 20 | 371 | 9 | 9 |
| 21 | 386 | 9 | 5 | 21 | 390 | 4 | 10 |
| 22 | 405 | 2 | 5 | 22 | 408 | 11 | 11 |
| 23 | 423 | 7 | 5 | 23 | 427 | 7 | 0 |
| 24 | 442 | 0 | 6 | 24 | 446 | 2 | 1 |
| 25 | 460 | 5 | 6 | 25 | 464 | 9 | 2 |
| 26 | 478 | 10 | 6 | 26 | 483 | 4 | 3 |
| 27 | 497 | 3 | 6 | 27 | 501 | 11 | 4 |
| 28 | 515 | 8 | 7 | 28 | 520 | 6 | 5 |
| 29 | 534 | 1 | 7 | 29 | 539 | 1 | 6 |
| 30 | 552 | 6 | 7 | 30 | 557 | 8 | 7 |
| 31 | 570 | 11 | 7 | 31 | 576 | 3 | 8 |
| 32 | 589 | 4 | 8 | 32 | 594 | 10 | 10 |
| 33 | 607 | 9 | 8 | 33 | 613 | 5 | 11 |
| 34 | 626 | 2 | 8 | 34 | 632 | 1 | 0 |
| 35 | 644 | 7 | 8 | 35 | 650 | 8 | 1 |
| 36 | 663 | 0 | 9 | 36 | 669 | 3 | 2 |
| 37 | 681 | 5 | 9 | 37 | 687 | 10 | 3 |
| 38 | 699 | 10 | 9 | 38 | 706 | 5 | 4 |
| 39 | 718 | 3 | 9 | 39 | 725 | 0 | 5 |
| 40 | 736 | 8 | 10 | 40 | 743 | 7 | 6 |
| 41 | 755 | 1 | 10 | 41 | 762 | 3 | 7 |
| 42 | 773 | 6 | 10 | 42 | 780 | 10 | 8 |
| 43 | 791 | 11 | 10 | 43 | 809 | 5 | 9 |
| 44 | 810 | 4 | 11 | 44 | 818 | 0 | 10 |
| 45 | 828 | 9 | 11 | 45 | 836 | 7 | 11 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 4 | 7 | 3 0 | $\frac{1}{4}$ | 4 | 7 | 9 3 |
| $\frac{1}{2}$ | 9 | 2 | 6 0 | $\frac{1}{2}$ | 9 | 3 | 6 6 |
| $\frac{3}{4}$ | 13 | 9 | 9 0 | $\frac{3}{4}$ | 13 | 11 | 3 9 |

| Ft. long | Side 52 Inch. | | | Ft. long | Side 52 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 18 | 9 | 4 | 1 | 18 | 11 | 6 |
| 2 | 37 | 6 | 8 | 2 | 37 | 11 | 0 |
| 3 | 56 | 4 | 0 | 3 | 56 | 10 | 6 |
| 4 | 75 | 1 | 4 | 4 | 75 | 10 | 0 |
| 5 | 93 | 10 | 8 | 5 | 94 | 9 | 6 |
| 6 | 112 | 8 | 0 | 6 | 113 | 9 | 0 |
| 7 | 131 | 5 | 4 | 7 | 132 | 8 | 6 |
| 8 | 150 | 2 | 8 | 8 | 151 | 8 | 0 |
| 9 | 169 | 0 | 0 | 9 | 170 | 7 | 6 |
| 10 | 187 | 9 | 4 | 10 | 189 | 7 | 0 |
| 11 | 206 | 6 | 8 | 11 | 208 | 6 | 6 |
| 12 | 225 | 4 | 0 | 12 | 227 | 6 | 0 |
| 13 | 244 | 1 | 4 | 13 | 246 | 5 | 6 |
| 14 | 262 | 10 | 8 | 14 | 265 | 5 | 0 |
| 15 | 281 | 8 | 0 | 15 | 284 | 4 | 6 |
| 16 | 300 | 5 | 4 | 16 | 303 | 4 | 1 |
| 17 | 319 | 2 | 8 | 17 | 322 | 3 | 7 |
| 18 | 338 | 0 | 0 | 18 | 341 | 3 | 1 |
| 19 | 356 | 9 | 4 | 19 | 360 | 2 | 7 |
| 20 | 375 | 6 | 8 | 20 | 379 | 2 | 1 |
| 21 | 394 | 4 | 0 | 21 | 398 | 1 | 7 |
| 22 | 413 | 1 | 4 | 22 | 417 | 1 | 1 |
| 23 | 431 | 10 | 8 | 23 | 436 | 0 | 7 |
| 24 | 450 | 8 | 0 | 24 | 455 | 0 | 1 |
| 25 | 469 | 5 | 4 | 25 | 473 | 11 | 7 |
| 26 | 488 | 2 | 8 | 26 | 492 | 11 | 1 |
| 27 | 507 | 0 | 0 | 27 | 511 | 10 | 7 |
| 28 | 525 | 9 | 4 | 28 | 530 | 10 | 1 |
| 29 | 544 | 6 | 8 | 29 | 549 | 9 | 7 |
| 30 | 563 | 4 | 0 | 30 | 568 | 9 | 1 |
| 31 | 582 | 1 | 4 | 31 | 587 | 8 | 7 |
| 32 | 600 | 10 | 8 | 32 | 606 | 8 | 2 |
| 33 | 619 | 8 | 0 | 33 | 625 | 7 | 8 |
| 34 | 638 | 5 | 4 | 34 | 644 | 7 | 2 |
| 35 | 657 | 2 | 8 | 35 | 663 | 6 | 8 |
| 36 | 676 | 0 | 0 | 36 | 682 | 6 | 2 |
| 37 | 694 | 9 | 4 | 37 | 701 | 5 | 8 |
| 38 | 713 | 6 | 8 | 38 | 720 | 5 | 2 |
| 39 | 732 | 4 | 0 | 39 | 739 | 4 | 8 |
| 40 | 751 | 1 | 4 | 40 | 758 | 4 | 2 |
| 41 | 769 | 10 | 8 | 41 | 777 | 3 | 8 |
| 42 | 788 | 8 | 0 | 42 | 796 | 3 | 2 |
| 43 | 807 | 5 | 4 | 43 | 815 | 2 | 2 |
| 44 | 826 | 2 | 8 | 44 | 834 | 2 | 8 |
| 45 | 845 | 0 | 0 | 45 | 853 | 1 | 2 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 4 | 8 | 4 0 | $\frac{1}{4}$ | 4 | 8 | 10 6 |
| $\frac{1}{2}$ | 9 | 4 | 8 0 | $\frac{1}{2}$ | 9 | 5 | 9 0 |
| $\frac{3}{4}$ | 14 | 1 | 0 0 | $\frac{3}{4}$ | 14 | 2 | 7 6 |

| Ft. long | Side 52 $\frac{1}{2}$ | | | Ft. long | Side 52 $\frac{3}{4}$ | | |
|---------------------|-----------------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 19 | 1 | 8 | 1 | 19 | 3 | 10 |
| 2 | 38 | 3 | 4 | 2 | 38 | 7 | 9 |
| 3 | 57 | 5 | 0 | 3 | 57 | 11 | 7 |
| 4 | 76 | 6 | 9 | 4 | 77 | 3 | 6 |
| 5 | 95 | 8 | 5 | 5 | 96 | 7 | 4 |
| 6 | 114 | 10 | 1 | 6 | 115 | 11 | 3 |
| 7 | 133 | 11 | 9 | 7 | 135 | 3 | 1 |
| 8 | 153 | 1 | 6 | 8 | 154 | 7 | 0 |
| 9 | 172 | 3 | 2 | 9 | 173 | 10 | 11 |
| 10 | 191 | 4 | 10 | 10 | 193 | 2 | 9 |
| 11 | 210 | 6 | 6 | 11 | 212 | 6 | 8 |
| 12 | 229 | 8 | 3 | 12 | 231 | 10 | 6 |
| 13 | 248 | 9 | 11 | 13 | 251 | 2 | 5 |
| 14 | 267 | 11 | 7 | 14 | 270 | 6 | 3 |
| 15 | 287 | 1 | 3 | 15 | 289 | 10 | 2 |
| 16 | 306 | 3 | 0 | 16 | 309 | 2 | 1 |
| 17 | 325 | 4 | 8 | 17 | 328 | 5 | 11 |
| 18 | 344 | 6 | 4 | 18 | 347 | 9 | 10 |
| 19 | 363 | 8 | 0 | 19 | 367 | 1 | 8 |
| 20 | 382 | 9 | 9 | 20 | 386 | 5 | 7 |
| 21 | 401 | 11 | 5 | 21 | 405 | 9 | 5 |
| 22 | 421 | 1 | 1 | 22 | 425 | 1 | 4 |
| 23 | 440 | 2 | 9 | 23 | 444 | 5 | 2 |
| 24 | 459 | 4 | 6 | 24 | 463 | 9 | 1 |
| 25 | 478 | 6 | 2 | 25 | 483 | 1 | 0 |
| 26 | 497 | 7 | 10 | 26 | 502 | 4 | 10 |
| 27 | 516 | 9 | 6 | 27 | 521 | 8 | 9 |
| 28 | 535 | 11 | 3 | 28 | 541 | 0 | 7 |
| 29 | 555 | 0 | 11 | 29 | 560 | 4 | 6 |
| 30 | 574 | 2 | 7 | 30 | 579 | 8 | 4 |
| 31 | 593 | 4 | 3 | 31 | 599 | 0 | 3 |
| 32 | 612 | 6 | 0 | 32 | 618 | 4 | 2 |
| 33 | 631 | 7 | 8 | 33 | 637 | 0 | 6 |
| 34 | 650 | 9 | 4 | 34 | 656 | 11 | 11 |
| 35 | 669 | 11 | 0 | 35 | 676 | 2 | 9 |
| 36 | 689 | 0 | 9 | 36 | 695 | 6 | 8 |
| 37 | 708 | 2 | 5 | 37 | 714 | 10 | 6 |
| 38 | 727 | 4 | 1 | 38 | 734 | 3 | 5 |
| 39 | 746 | 5 | 9 | 39 | 753 | 7 | 3 |
| 40 | 765 | 7 | 6 | 40 | 772 | 11 | 2 |
| 41 | 784 | 9 | 2 | 41 | 792 | 3 | 1 |
| 42 | 803 | 10 | 10 | 42 | 811 | 6 | 11 |
| 43 | 823 | 0 | 6 | 43 | 830 | 10 | 10 |
| 44 | 842 | 2 | 3 | 44 | 850 | 2 | 8 |
| 45 | 861 | 3 | 11 | 45 | 869 | 6 | 7 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 4 | 9 | 5 0 | $\frac{1}{4}$ | 4 | 9 | 11 6 |
| $\frac{1}{2}$ | 9 | 6 | 10 0 | $\frac{1}{2}$ | 9 | 7 | 11 0 |
| $\frac{3}{4}$ | 14 | 4 | 3 0 | $\frac{3}{4}$ | 14 | 5 | 10 6 |

| Ft. long | Side 53 Inch. | | | Ft. long | Side 53 $\frac{1}{4}$ | | |
|---------------------|---------------|-----|--------|---------------------|-----------------------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 19 | 6 | 1 | 1 | 19 | 8 | 3 |
| 2 | 39 | 0 | 2 | 2 | 39 | 4 | 7 |
| 3 | 58 | 6 | 3 | 3 | 59 | 0 | 10 |
| 4 | 78 | 0 | 4 | 4 | 78 | 9 | 2 |
| 5 | 97 | 6 | 5 | 5 | 98 | 5 | 5 |
| 6 | 117 | 0 | 6 | 6 | 118 | 1 | 9 |
| 7 | 136 | 6 | 7 | 7 | 137 | 10 | 0 |
| 8 | 156 | 0 | 8 | 8 | 157 | 6 | 4 |
| 9 | 175 | 6 | 9 | 9 | 177 | 2 | 8 |
| 10 | 195 | 0 | 10 | 10 | 196 | 10 | 11 |
| 11 | 214 | 6 | 11 | 11 | 216 | 7 | 3 |
| 12 | 234 | 1 | 0 | 12 | 236 | 3 | 9 |
| 13 | 253 | 7 | 1 | 13 | 255 | 11 | 10 |
| 14 | 273 | 1 | 2 | 14 | 275 | 8 | 1 |
| 15 | 292 | 7 | 3 | 15 | 295 | 4 | 5 |
| 16 | 312 | 1 | 4 | 16 | 315 | 0 | 9 |
| 17 | 331 | 7 | 5 | 17 | 334 | 9 | 0 |
| 18 | 351 | 1 | 6 | 18 | 354 | 5 | 4 |
| 19 | 370 | 7 | 7 | 19 | 374 | 1 | 7 |
| 20 | 390 | 1 | 8 | 20 | 393 | 9 | 11 |
| 21 | 409 | 7 | 9 | 21 | 413 | 6 | 2 |
| 22 | 429 | 1 | 10 | 22 | 433 | 2 | 6 |
| 23 | 448 | 7 | 11 | 23 | 452 | 10 | 9 |
| 24 | 468 | 2 | 0 | 24 | 472 | 7 | 1 |
| 25 | 487 | 8 | 1 | 25 | 492 | 3 | 5 |
| 26 | 507 | 2 | 2 | 26 | 511 | 11 | 8 |
| 27 | 526 | 8 | 3 | 27 | 531 | 8 | 0 |
| 28 | 546 | 2 | 4 | 28 | 551 | 4 | 3 |
| 29 | 565 | 8 | 5 | 29 | 571 | 2 | 7 |
| 30 | 585 | 2 | 6 | 30 | 590 | 10 | 10 |
| 31 | 604 | 8 | 7 | 31 | 610 | 7 | 2 |
| 32 | 624 | 2 | 8 | 32 | 630 | 3 | 6 |
| 33 | 643 | 8 | 9 | 33 | 649 | 11 | 9 |
| 34 | 663 | 2 | 10 | 34 | 669 | 8 | 1 |
| 35 | 682 | 8 | 11 | 35 | 689 | 4 | 4 |
| 36 | 702 | 3 | 0 | 36 | 709 | 0 | 8 |
| 37 | 721 | 9 | 1 | 37 | 728 | 8 | 11 |
| 38 | 741 | 3 | 2 | 38 | 748 | 5 | 3 |
| 39 | 760 | 9 | 3 | 39 | 768 | 1 | 6 |
| 40 | 780 | 3 | 4 | 40 | 797 | 9 | 10 |
| 41 | 799 | 9 | 5 | 41 | 807 | 6 | 2 |
| 42 | 819 | 3 | 6 | 42 | 827 | 2 | 5 |
| 43 | 838 | 9 | 7 | 43 | 846 | 10 | 9 |
| 44 | 858 | 3 | 8 | 44 | 866 | 7 | 0 |
| 45 | 877 | 9 | 9 | 45 | 886 | 3 | 4 |
| Quarters of a Foot. | | | | Quarters of a Foot. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| $\frac{1}{4}$ | 4 | 10 | 6 3 | $\frac{1}{4}$ | 4 | 11 | 0 9 |
| $\frac{1}{2}$ | 9 | 9 | 0 6 | $\frac{1}{2}$ | 9 | 10 | 1 6 |
| $\frac{3}{4}$ | 14 | 7 | 6 9 | $\frac{3}{4}$ | 14 | 9 | 2 3 |

| Pa. | Ft. long | Side 53 $\frac{1}{2}$ | | | Ft. long | Side 53 $\frac{3}{4}$ | | | |
|---------------------|---------------|-----------------------|-----|--------|---------------------|-----------------------|-----|--------|--|
| | | Ft. | In. | Pa. | | Ft. | In. | Pa. | |
| 3 | 1 | 19 | 10 | 6 | 1 | 20 | 0 | 9 | |
| 7 | 2 | 39 | 9 | 0 | 2 | 40 | 1 | 6 | |
| 10 | 3 | 59 | 7 | 6 | 3 | 60 | 2 | 3 | |
| 2 | 4 | 79 | 6 | 1 | 4 | 80 | 3 | 0 | |
| 5 | 5 | 99 | 4 | 7 | 5 | 100 | 3 | 9 | |
| 9 | 6 | 119 | 3 | 1 | 6 | 120 | 4 | 6 | |
| 0 | 7 | 139 | 1 | 7 | 7 | 140 | 5 | 3 | |
| 4 | 8 | 159 | 0 | 2 | 8 | 160 | 6 | 0 | |
| 8 | 9 | 178 | 10 | 8 | 9 | 180 | 6 | 9 | |
| 11 | 10 | 198 | 9 | 2 | 10 | 200 | 7 | 6 | |
| 3 | 11 | 218 | 7 | 8 | 11 | 220 | 8 | 3 | |
| 9 | 12 | 238 | 6 | 3 | 12 | 240 | 9 | 0 | |
| 10 | 13 | 258 | 4 | 9 | 13 | 260 | 9 | 9 | |
| 1 | 14 | 278 | 3 | 3 | 14 | 280 | 10 | 6 | |
| 5 | 15 | 298 | 1 | 9 | 15 | 300 | 11 | 3 | |
| 9 | 16 | 318 | 0 | 4 | 16 | 321 | 0 | 1 | |
| 0 | 17 | 337 | 10 | 10 | 17 | 341 | 0 | 10 | |
| 4 | 18 | 357 | 9 | 4 | 18 | 361 | 1 | 7 | |
| 7 | 19 | 377 | 7 | 10 | 19 | 381 | 2 | 4 | |
| 11 | 20 | 397 | 6 | 5 | 20 | 401 | 3 | 1 | |
| 2 | 21 | 417 | 4 | 11 | 21 | 421 | 3 | 10 | |
| 6 | 22 | 437 | 3 | 5 | 22 | 441 | 4 | 7 | |
| 9 | 23 | 457 | 1 | 11 | 23 | 461 | 5 | 4 | |
| 1 | 24 | 477 | 0 | 6 | 24 | 481 | 6 | 1 | |
| 5 | 25 | 496 | 11 | 0 | 25 | 501 | 6 | 10 | |
| 8 | 26 | 516 | 9 | 6 | 26 | 521 | 7 | 7 | |
| 0 | 27 | 536 | 8 | 0 | 27 | 541 | 8 | 4 | |
| 3 | 28 | 556 | 6 | 7 | 28 | 561 | 9 | 1 | |
| 7 | 29 | 576 | 5 | 1 | 29 | 581 | 9 | 10 | |
| 10 | 30 | 596 | 3 | 7 | 30 | 601 | 10 | 7 | |
| 2 | 31 | 616 | 2 | 1 | 31 | 621 | 11 | 4 | |
| 6 | 32 | 636 | 0 | 8 | 32 | 642 | 0 | 2 | |
| 9 | 33 | 655 | 11 | 2 | 33 | 662 | 0 | 11 | |
| 1 | 34 | 675 | 9 | 8 | 34 | 682 | 1 | 8 | |
| 4 | 35 | 695 | 8 | 2 | 35 | 702 | 2 | 5 | |
| 8 | 36 | 715 | 6 | 9 | 36 | 722 | 3 | 2 | |
| 11 | 37 | 735 | 5 | 3 | 37 | 742 | 3 | 11 | |
| 3 | 38 | 755 | 3 | 9 | 38 | 762 | 4 | 8 | |
| 6 | 39 | 775 | 2 | 3 | 39 | 782 | 5 | 5 | |
| 10 | 40 | 795 | 0 | 10 | 40 | 802 | 6 | 2 | |
| 2 | 41 | 814 | 11 | 4 | 41 | 822 | 6 | 11 | |
| 5 | 42 | 834 | 9 | 10 | 42 | 842 | 7 | 8 | |
| 9 | 43 | 854 | 8 | 4 | 43 | 862 | 8 | 5 | |
| 0 | 44 | 874 | 6 | 11 | 44 | 882 | 9 | 2 | |
| 4 | 45 | 894 | 5 | 5 | 45 | 902 | 9 | 11 | |
| Quarters of a Foot. | | | | | Quarters of a Foot. | | | | |
| | | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. | |
| | $\frac{1}{4}$ | 4 | 11 | 7 6 | | $\frac{1}{4}$ | 5 | 0 2 3 | |
| | $\frac{1}{2}$ | 9 | 11 | 3 0 | | $\frac{1}{2}$ | 10 | 0 4 6 | |
| | $\frac{3}{4}$ | 14 | 10 | 10 6 | | $\frac{3}{4}$ | 15 | 0 6 9 | |

| Ft. long | Side 54 Inch. | | | Ft. long | Side 54 | | |
|----------|---------------|-----|-----|---|---------|-----|--------|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 20 | 3 | 0 | 27 | 546 | 9 | 0 |
| 2 | 40 | 6 | 0 | 28 | 567 | 0 | 0 |
| 3 | 60 | 9 | 0 | 29 | 587 | 3 | 0 |
| 4 | 81 | 0 | 0 | 30 | 607 | 6 | 0 |
| 5 | 101 | 3 | 0 | 31 | 627 | 9 | 0 |
| 6 | 121 | 6 | 0 | 32 | 648 | 0 | 0 |
| 7 | 141 | 9 | 0 | 33 | 668 | 3 | 0 |
| 8 | 162 | 0 | 0 | 34 | 688 | 6 | 0 |
| 9 | 182 | 3 | 0 | 35 | 708 | 9 | 0 |
| 10 | 202 | 6 | 0 | 36 | 729 | 0 | 0 |
| 11 | 222 | 9 | 0 | 37 | 749 | 3 | 0 |
| 12 | 243 | 0 | 0 | 38 | 769 | 6 | 0 |
| 13 | 263 | 3 | 0 | 39 | 789 | 9 | 0 |
| 14 | 283 | 6 | 0 | 40 | 810 | 0 | 0 |
| 15 | 303 | 9 | 0 | 41 | 830 | 3 | 0 |
| 16 | 324 | 0 | 0 | 42 | 850 | 6 | 0 |
| 17 | 344 | 3 | 0 | 43 | 870 | 9 | 0 |
| 18 | 364 | 6 | 0 | 44 | 891 | 0 | 0 |
| 19 | 384 | 9 | 0 | 45 | 911 | 3 | 0 |
| 20 | 405 | 0 | 0 | Quarters of a Foot. | | | |
| 21 | 425 | 3 | 0 | $\frac{1}{4}$ $\frac{1}{2}$ $\frac{3}{4}$ | Ft. | In. | Pa. S. |
| 22 | 445 | 6 | 0 | | 5 | 0 | 9 0 |
| 23 | 465 | 9 | 0 | | 10 | 1 | 6 0 |
| 24 | 486 | 0 | 0 | | 15 | 2 | 3 0 |
| 25 | 506 | 3 | 0 | | | | |
| 26 | 526 | 6 | 0 | | | | |

By the KING's Authority,
Is lately published,
Necessary for all Families,
A NEW EDITION, (in Octavo) of
The New Whole Duty of Man:
Containing

The Faith as well as Practice of a Christian;
made easy for the Practice of the present Age, as
the Old *Whole Duty of Man* was design'd for those
unhappy Times in which it was written; and sup-
plying the Articles of the Christian Faith, which
are wanting in that Book, tho'

Essentially necessary to Salvation.


WITH

DEVOTIONS proper on several Occasions.

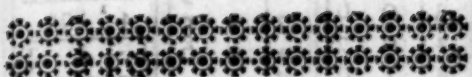
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Printed ONLY for E. Wicksteed, in Warwick-
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lowance as the OLD *Whole Duty of Man*, to those
Gentlemen and Ladies, who, out of a tender Re-
gard to promote the Eternal Welfare of their Poor
and Uninstructed Neighbours, Tenants and Ser-
vants, are disposed to give them away.

A NEW



NEW TABLES,

Shewing the VALUE of
Timber, Stone, &c.

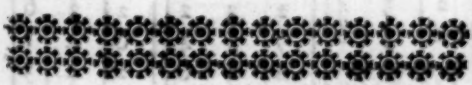
Cut to any Size or Scantling,

At the several Prices of

1 s. 6 d. 2 s. 2 s. 6 d. and 3 s.
per Foot Cube.

And which, by *Addition* or *Subtraction* only, will shew the Value at any *Greater* or *Lesser* Prices.

N. B. In the Tables at 1 s. 6 d. 2 s. and 2 s. 6 d. the Value is given in *Pence* and $\frac{1}{8}$ of a *Penny*: But in the Table at 3 s. the Value is given in *Pence* and *Farthings*.



| 2 Inch Sqr. | | | 5 | 1 | 7 | 11 | 5 | 4 |
|---------------------|----|---------------|---------------------|----|---------------|---------------------|----|---------------|
| by | d. | $\frac{1}{8}$ | 2 | 2 | 0 | 2 | 5 | 6 |
| 2 | 0 | 5 | 6 | 2 | 2 | 12 | 6 | 0 |
| 3 | 0 | 6 | 7 | 2 | 3 | $4\frac{1}{2}$ Sqr. | | |
| 2 | 0 | 7 | 2 | 2 | 6 | by | d. | $\frac{1}{8}$ |
| 4 | 1 | 0 | 8 | 3 | 0 | 2 | 2 | 4 |
| 2 | 1 | 1 | 2 | 3 | 1 | 5 | 2 | 6 |
| 5 | 1 | 2 | 9 | 3 | 3 | 2 | 3 | 0 |
| 2 | 1 | 3 | 2 | 3 | 4 | 6 | 3 | 3 |
| 6 | 1 | 4 | 10 | 3 | 6 | 2 | 3 | 5 |
| 2 | 1 | 5 | 2 | 3 | 7 | 7 | 3 | 7 |
| 7 | 1 | 6 | 11 | 4 | 1 | 2 | 4 | 1 |
| 2 | 1 | 7 | 2 | 4 | 2 | 8 | 4 | 4 |
| 8 | 2 | 0 | 12 | 4 | 4 | 2 | 4 | 6 |
| 2 | 2 | 1 | $3\frac{1}{2}$ Sqr. | | | 9 | 5 | 0 |
| 9 | 2 | 2 | by | d. | $\frac{1}{8}$ | 2 | 5 | 2 |
| 2 | 2 | 3 | 2 | 1 | 4 | 10 | 5 | 5 |
| 10 | 2 | 4 | 4 | 1 | 6 | 2 | 5 | 7 |
| 2 | 2 | 5 | 2 | 1 | 7 | 11 | 6 | 1 |
| 11 | 2 | 6 | 5 | 2 | 1 | 2 | 6 | 3 |
| 2 | 2 | 7 | 2 | 2 | 3 | 12 | 6 | 6 |
| 12 | 3 | 0 | 6 | 2 | 4 | 5 Inch Sqr. | | |
| $2\frac{1}{2}$ Sqr. | | | 2 | 2 | 6 | by | d. | $\frac{1}{8}$ |
| by | d. | $\frac{1}{8}$ | 7 | 3 | 0 | 5 | 3 | 1 |
| 2 | 0 | 6 | 2 | 3 | 2 | 2 | 3 | 3 |
| 3 | 0 | 7 | 8 | 3 | 4 | 6 | 3 | 6 |
| 2 | 1 | 0 | 2 | 3 | 5 | 2 | 3 | 8 |
| 4 | 1 | 2 | 9 | 3 | 7 | 7 | 4 | 3 |
| 2 | 1 | 3 | 2 | 4 | 1 | 2 | 4 | 5 |
| 5 | 1 | 4 | 10 | 4 | 3 | 8 | 5 | 0 |
| 2 | 1 | 5 | 2 | 4 | 4 | 2 | 5 | 2 |
| 6 | 1 | 7 | 11 | 4 | 6 | 9 | 5 | 5 |
| 2 | 2 | 0 | 2 | 5 | 0 | 2 | 5 | 7 |
| 7 | 2 | 1 | 12 | 5 | 2 | 10 | 6 | 2 |
| 2 | 2 | 2 | 4 Inch Sqr. | | | 2 | 6 | 4 |
| 8 | 2 | 4 | by | d. | $\frac{1}{8}$ | 11 | 6 | 7 |
| 2 | 2 | 5 | 4 | 2 | 0 | 2 | 7 | 1 |
| 9 | 2 | 6 | 2 | 2 | 2 | 12 | 7 | 4 |
| 2 | 2 | 7 | 5 | 2 | 4 | $5\frac{1}{2}$ Sqr. | | |
| 10 | 3 | 1 | 2 | 2 | 6 | by | d. | $\frac{1}{8}$ |
| 2 | 3 | 2 | 6 | 3 | 0 | 2 | 3 | 6 |
| 11 | 3 | 3 | 2 | 3 | 2 | 6 | 4 | 1 |
| 2 | 3 | 4 | 7 | 3 | 4 | 2 | 4 | 3 |
| 12 | 3 | 6 | 2 | 3 | 6 | 7 | 4 | 6 |
| 3 Inch Sqr. | | | 8 | 4 | 0 | 2 | 5 | 1 |
| by | d. | $\frac{1}{8}$ | 2 | 4 | 2 | 8 | 5 | 4 |
| 3 | 1 | 1 | 9 | 4 | 4 | 2 | 5 | 6 |
| 2 | 1 | 2 | 2 | 4 | 6 | 9 | 6 | 1 |
| 4 | 1 | 4 | 10 | 5 | 0 | 2 | 6 | 4 |
| 2 | 1 | 5 | 2 | 5 | 2 | | | |

4
6
0
.
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6
0
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0
2
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7
2
4
7
1
4
.
qr.
1/8
6
1
3
6
1
4
6
1
6
4

| | | |
|----|---|---|
| 10 | 6 | 7 |
| 2 | 7 | 1 |
| 11 | 7 | 4 |
| 2 | 7 | 7 |
| 12 | 8 | 2 |

6 Inch Sqr.

by d. 1/8

| | | |
|----|---|---|
| 6 | 4 | 4 |
| 2 | 4 | 7 |
| 7 | 5 | 2 |
| 2 | 5 | 5 |
| 8 | 6 | 0 |
| 2 | 6 | 3 |
| 9 | 6 | 6 |
| 2 | 7 | 1 |
| 10 | 7 | 4 |
| 2 | 7 | 7 |
| 11 | 8 | 2 |
| 2 | 8 | 5 |
| 12 | 9 | 0 |

6 1/2 Sqr.

by d. 1/8

| | | |
|----|---|---|
| 2 | 5 | 2 |
| 7 | 5 | 5 |
| 2 | 6 | 0 |
| 8 | 6 | 4 |
| 2 | 6 | 7 |
| 9 | 7 | 2 |
| 2 | 7 | 5 |
| 10 | 8 | 1 |
| 2 | 8 | 4 |
| 11 | 8 | 7 |
| 2 | 9 | 2 |
| 12 | 9 | 6 |

7 Inch Sqr.

by d. 1/8

| | | |
|----|----|---|
| 7 | 6 | 1 |
| 2 | 6 | 4 |
| 8 | 7 | 0 |
| 2 | 7 | 3 |
| 9 | 7 | 7 |
| 2 | 8 | 2 |
| 10 | 8 | 6 |
| 2 | 9 | 1 |
| 11 | 9 | 5 |
| 2 | 10 | 0 |
| 12 | 10 | 4 |

7 1/2 Sqr.

by d. 1/8

| | | |
|---|---|---|
| 2 | 7 | 0 |
|---|---|---|

| | | |
|----|----|---|
| 8 | 7 | 4 |
| 2 | 7 | 7 |
| 9 | 8 | 3 |
| 2 | 8 | 7 |
| 10 | 9 | 3 |
| 2 | 9 | 6 |
| 11 | 10 | 2 |
| 2 | 10 | 6 |
| 12 | 11 | 2 |

8 Inch Sqr

by d. 1/8

| | | |
|----|----|---|
| 8 | 8 | 0 |
| 2 | 8 | 4 |
| 9 | 9 | 0 |
| 2 | 9 | 4 |
| 10 | 10 | 0 |
| 2 | 10 | 4 |
| 11 | 11 | 0 |
| 2 | 11 | 4 |
| 12 | 12 | 0 |

8 1/2 Sqr.

by d. 1/8

| | | |
|----|----|---|
| 2 | 9 | 0 |
| 9 | 9 | 4 |
| 2 | 10 | 0 |
| 10 | 10 | 5 |
| 2 | 11 | 1 |
| 11 | 11 | 5 |
| 2 | 12 | 1 |
| 12 | 12 | 6 |

9 Inch Sqr.

by d. 1/8

| | | |
|----|----|---|
| 9 | 10 | 1 |
| 2 | 10 | 5 |
| 10 | 11 | 2 |
| 2 | 11 | 6 |
| 11 | 12 | 3 |
| 2 | 12 | 7 |
| 12 | 13 | 4 |

9 1/2 Sqr.

by d. 1/8

| | | |
|----|----|---|
| 2 | 11 | 2 |
| 10 | 11 | 7 |
| 2 | 12 | 3 |
| 11 | 13 | 0 |
| 2 | 13 | 5 |
| 12 | 14 | 2 |

10 ln. Sqr.

by d. 1/8

| | | |
|----|----|---|
| 10 | 12 | 4 |
| 2 | 13 | 1 |
| 11 | 13 | 6 |
| 2 | 14 | 3 |
| 12 | 15 | 0 |

10 1/2 Sqr.

by d. 1/8

| | | |
|----|----|---|
| 2 | 13 | 6 |
| 11 | 14 | 3 |
| 2 | 15 | 0 |
| 12 | 15 | 6 |

11 ln. Sqr.

by d. 1/8

| | | |
|----|----|---|
| 11 | 15 | 1 |
| 2 | 15 | 6 |
| 12 | 16 | 4 |

11 1/2 Sqr.

by d. 1/8

| | | |
|----|----|---|
| 2 | 16 | 4 |
| 12 | 17 | 2 |

| 2 Inch Sqr. | | | 5 | 2 | 4 | 11 | 7 | 2 |
|----------------------|----|---------------|----------------------|----|---------------|----------------------|----|---------------|
| by | d. | $\frac{1}{8}$ | 2 | 2 | 6 | 2 | 7 | 5 |
| 2 | 0 | 6 | 6 | 3 | 0 | 12 | 8 | 0 |
| 3 | 1 | 0 | 2 | 3 | 2 | 4 $\frac{1}{2}$ Sqr. | | |
| 2 | 1 | 1 | 7 | 3 | 4 | by | d. | $\frac{1}{8}$ |
| 4 | 1 | 2 | 2 | 3 | 6 | 2 | 3 | 3 |
| 2 | 1 | 4 | 8 | 4 | 0 | 5 | 3 | 6 |
| 5 | 1 | 5 | 2 | 4 | 2 | 2 | 4 | 1 |
| 2 | 1 | 7 | 9 | 4 | 4 | 6 | 4 | 4 |
| 6 | 2 | 0 | 2 | 4 | 6 | 2 | 4 | 7 |
| 2 | 2 | 1 | 10 | 5 | 0 | 7 | 5 | 2 |
| 7 | 2 | 2 | 2 | 5 | 2 | 2 | 5 | 5 |
| 2 | 2 | 4 | 11 | 5 | 4 | 8 | 6 | 0 |
| 8 | 2 | 5 | 2 | 5 | 6 | 2 | 6 | 3 |
| 2 | 2 | 6 | 12 | 6 | 0 | 9 | 6 | 6 |
| 9 | 3 | 0 | 3 $\frac{1}{2}$ Sqr. | | | 2 | 7 | 1 |
| 2 | 3 | 1 | by | d. | $\frac{1}{8}$ | 10 | 7 | 4 |
| 10 | 3 | 2 | 2 | 2 | 0 | 2 | 7 | 7 |
| 2 | 3 | 4 | 4 | 2 | 2 | 11 | 8 | 2 |
| 11 | 3 | 5 | 2 | 2 | 5 | 2 | 8 | 5 |
| 2 | 3 | 6 | 5 | 2 | 7 | 12 | 9 | 0 |
| 12 | 4 | 0 | 2 | 3 | 2 | 5 Inch Sqr. | | |
| 2 $\frac{1}{2}$ Sqr. | | | 6 | 3 | 4 | by | d. | $\frac{1}{8}$ |
| by | d. | $\frac{1}{8}$ | 2 | 3 | 6 | 5 | 4 | 1 |
| 2 | 1 | 0 | 7 | 4 | 0 | 2 | 4 | 4 |
| 3 | 1 | 2 | 2 | 4 | 3 | 6 | 5 | 0 |
| 2 | 1 | 3 | 8 | 4 | 5 | 2 | 5 | 3 |
| 4 | 1 | 5 | 2 | 4 | 7 | 7 | 5 | 6 |
| 2 | 1 | 7 | 9 | 5 | 2 | 2 | 6 | 2 |
| 5 | 2 | 0 | 2 | 5 | 4 | 8 | 6 | 5 |
| 2 | 2 | 2 | 10 | 5 | 6 | 2 | 7 | 0 |
| 6 | 2 | 4 | 2 | 6 | 0 | 9 | 7 | 4 |
| 2 | 2 | 5 | 11 | 6 | 2 | 2 | 7 | 7 |
| 7 | 2 | 6 | 2 | 6 | 5 | 10 | 8 | 2 |
| 2 | 3 | 1 | 12 | 7 | 0 | 2 | 8 | 6 |
| 8 | 3 | 2 | 4 Inch Sqr. | | | 11 | 9 | 1 |
| 2 | 3 | 4 | by | d. | $\frac{1}{8}$ | 2 | 9 | 4 |
| 9 | 3 | 6 | 4 | 2 | 5 | 12 | 10 | 0 |
| 2 | 3 | 7 | 2 | 3 | 0 | 5 $\frac{1}{2}$ Sqr. | | |
| 10 | 4 | 1 | 5 | 3 | 2 | by | d. | $\frac{1}{8}$ |
| 2 | 4 | 3 | 2 | 3 | 5 | 2 | 5 | 0 |
| 11 | 4 | 4 | 6 | 4 | 0 | 6 | 5 | 4 |
| 2 | 4 | 6 | 2 | 4 | 2 | 2 | 5 | 7 |
| 12 | 5 | 0 | 7 | 4 | 5 | 7 | 6 | 2 |
| 3 Inch Sqr. | | | 2 | 5 | 0 | 2 | 6 | 7 |
| by | d. | $\frac{1}{8}$ | 8 | 5 | 2 | 8 | 7 | 2 |
| 3 | 1 | 4 | 2 | 5 | 5 | 2 | 7 | 6 |
| 2 | 1 | 6 | 9 | 6 | 0 | 9 | 8 | 2 |
| 4 | 2 | 0 | 2 | 6 | 2 | 2 | 8 | 5 |
| 2 | 2 | 2 | 10 | 6 | 5 | | | |
| | | | 2 | 7 | 0 | | | |

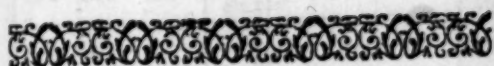
| | | | | | | |
|----------------------|----|---|----------------------|-----------------------|----|---|
| 10 | 9 | 1 | 7 $\frac{1}{2}$ Sqr. | 11 | 17 | 3 |
| 2 | 9 | 5 | by d. $\frac{1}{8}$ | 2 | 18 | 2 |
| 11 | 10 | 0 | 2 9 3 | 12 | 19 | 0 |
| 2 | 10 | 4 | 8 10 0 | 10 ln. Sqr. | | |
| 12 | 11 | 0 | 2 10 4 | by d. $\frac{1}{8}$ | | |
| 6 Inch Sqr. | | | 9 11 2 | 10 | 16 | 5 |
| by d. $\frac{1}{8}$ | | | 2 11 7 | 2 | 17 | 4 |
| 6 | 6 | 0 | 10 12 4 | 11 | 18 | 2 |
| 2 | 6 | 4 | 2 13 1 | 2 | 19 | 1 |
| 7 | 7 | 1 | 11 13 6 | 12 | 20 | 0 |
| 2 | 7 | 4 | 2 14 3 | 10 $\frac{1}{2}$ Sqr. | | |
| 8 | 8 | 0 | 12 15 0 | by d. $\frac{1}{8}$ | | |
| 2 | 8 | 4 | 8 Inch Sqr. | | | |
| 9 | 9 | 0 | by d. $\frac{1}{8}$ | 2 | 18 | 3 |
| 2 | 9 | 4 | 8 10 5 | 11 | 19 | 2 |
| 10 | 10 | 0 | 2 11 2 | 2 | 20 | 1 |
| 2 | 10 | 4 | 9 12 0 | 12 | 21 | 0 |
| 11 | 11 | 0 | 2 12 5 | 11 ln. Sqr. | | |
| 2 | 11 | 4 | 10 13 2 | by d. $\frac{1}{8}$ | | |
| 12 | 12 | 0 | 2 14 0 | 11 | 20 | 0 |
| 6 $\frac{1}{2}$ Sqr. | | | 11 14 5 | 2 | 21 | 0 |
| by d. $\frac{1}{8}$ | | | 2 15 2 | 12 | 22 | 0 |
| 2 | 7 | 0 | 12 16 0 | 11 $\frac{1}{2}$ Sqr. | | |
| 7 | 7 | 4 | 8 $\frac{1}{2}$ Sqr. | | | |
| 2 | 8 | 0 | by d. $\frac{1}{8}$ | by d. $\frac{1}{8}$ | | |
| 8 | 8 | 5 | 2 12 0 | 2 | 22 | 0 |
| 2 | 9 | 1 | 9 12 6 | 12 | 23 | 0 |
| 9 | 9 | 6 | 2 13 3 | | | |
| 2 | 10 | 2 | 10 14 1 | | | |
| 10 | 10 | 6 | 2 14 7 | | | |
| 2 | 11 | 3 | 11 15 4 | | | |
| 11 | 11 | 7 | 2 16 2 | | | |
| 2 | 12 | 3 | 12 17 0 | | | |
| 12 | 13 | 0 | 9 Inch Sqr. | | | |
| 7 Inch Sqr. | | | by d. $\frac{1}{8}$ | | | |
| by d. $\frac{1}{8}$ | | | 9 13 4 | | | |
| 7 | 8 | 1 | 2 14 2 | | | |
| 2 | 8 | 6 | 10 15 0 | | | |
| 8 | 9 | 2 | 2 15 6 | | | |
| 2 | 9 | 7 | 11 16 4 | | | |
| 9 | 10 | 4 | 2 17 2 | | | |
| 2 | 11 | 0 | 12 18 0 | | | |
| 10 | 11 | 5 | 9 $\frac{1}{2}$ Sqr. | | | |
| 2 | 12 | 2 | by d. $\frac{1}{8}$ | | | |
| 11 | 12 | 6 | 2 15 0 | | | |
| 2 | 13 | 3 | 10 15 6 | | | |
| 12 | 14 | 0 | 2 16 4 | | | |

| 2 Inch Sqr. | | | 5 | | | 11 | | |
|----------------------|----|---------------|----------------------|----|---------------|----------------------|----|---------------|
| by | d. | $\frac{1}{8}$ | 2 | 3 | 3 | 2 | 9 | 0 |
| 2 | 1 | 0 | 6 | 3 | 6 | 12 | 9 | 4 |
| 3 | 1 | 1 | 2 | 4 | 0 | <hr/> | | |
| 2 | 1 | 3 | 7 | 4 | 2 | 4 $\frac{1}{2}$ Sqr. | | |
| 4 | 1 | 5 | 2 | 4 | 4 | by | d. | $\frac{1}{8}$ |
| 2 | 1 | 6 | 8 | 5 | 0 | 2 | 4 | 2 |
| 5 | 2 | 0 | 2 | 5 | 2 | 5 | 4 | 4 |
| 2 | 2 | 2 | 9 | 5 | 4 | 2 | 5 | 0 |
| 6 | 2 | 4 | 2 | 5 | 7 | 6 | 5 | 4 |
| 2 | 2 | 6 | 10 | 6 | 2 | 2 | 6 | 0 |
| 7 | 2 | 7 | 2 | 6 | 4 | 7 | 6 | 3 |
| 2 | 3 | 0 | 11 | 6 | 7 | 2 | 6 | 6 |
| 8 | 3 | 2 | 2 | 7 | 0 | 8 | 7 | 2 |
| 2 | 3 | 4 | 12 | 7 | 4 | 2 | 7 | 6 |
| 9 | 3 | 6 | <hr/> | | | 9 | 8 | 2 |
| 2 | 3 | 7 | 3 $\frac{1}{2}$ Sqr. | | | 2 | 8 | 5 |
| 10 | 4 | 0 | by | d. | $\frac{1}{8}$ | 10 | 9 | 0 |
| 2 | 4 | 2 | 2 | 2 | 4 | 2 | 9 | 4 |
| 11 | 4 | 4 | 4 | 2 | 7 | 11 | 9 | 7 |
| 2 | 4 | 6 | 2 | 3 | 1 | 2 | 10 | 2 |
| 12 | 5 | 0 | 5 | 3 | 4 | 12 | 11 | 1 |
| <hr/> | | | 2 | 4 | 0 | <hr/> | | |
| 2 $\frac{1}{2}$ Sqr. | | | 6 | 4 | 2 | 5 Inch Sqr. | | |
| by | d. | $\frac{1}{8}$ | 2 | 4 | 5 | by | d. | $\frac{1}{8}$ |
| 2 | 1 | 2 | 7 | 5 | 0 | 5 | 5 | 0 |
| 3 | 1 | 4 | 2 | 5 | 4 | 2 | 5 | 5 |
| 2 | 1 | 5 | 8 | 5 | 6 | 6 | 6 | 2 |
| 4 | 2 | 0 | 2 | 6 | 0 | 2 | 6 | 5 |
| 2 | 2 | 1 | 9 | 6 | 3 | 7 | 7 | 2 |
| 5 | 2 | 4 | 2 | 6 | 7 | 2 | 7 | 5 |
| 2 | 2 | 5 | 10 | 7 | 2 | 8 | 8 | 1 |
| 6 | 3 | 0 | 2 | 7 | 4 | 2 | 8 | 5 |
| 2 | 3 | 1 | 11 | 7 | 7 | 9 | 9 | 2 |
| 7 | 3 | 3 | 2 | 8 | 3 | 2 | 9 | 5 |
| 2 | 3 | 6 | 12 | 8 | 6 | 10 | 10 | 2 |
| 8 | 4 | 0 | <hr/> | | | 2 | 10 | 5 |
| 2 | 4 | 2 | 4 Inch Sqr. | | | 11 | 11 | 1 |
| 9 | 4 | 3 | by | d. | $\frac{1}{8}$ | 2 | 11 | 5 |
| 2 | 4 | 5 | 4 | 3 | 2 | 12 | 12 | 4 |
| 10 | 5 | 0 | 2 | 3 | 7 | <hr/> | | |
| 2 | 5 | 1 | 5 | 4 | 1 | 5 $\frac{1}{2}$ Sqr. | | |
| 11 | 5 | 3 | 2 | 4 | 4 | by | d. | $\frac{1}{8}$ |
| 2 | 5 | 6 | 6 | 5 | 0 | 2 | 6 | 2 |
| 12 | 6 | 2 | 2 | 5 | 2 | 6 | 6 | 7 |
| <hr/> | | | 7 | 5 | 6 | 2 | 7 | 2 |
| 3 Inch Sqr. | | | 2 | 6 | 2 | 7 | 7 | 7 |
| by | d. | $\frac{1}{8}$ | 8 | 6 | 4 | 2 | 8 | 3 |
| 3 | 1 | 7 | 2 | 7 | 0 | 8 | 9 | 0 |
| 2 | 2 | 1 | 9 | 7 | 2 | 2 | 9 | 3 |
| 4 | 2 | 4 | 2 | 7 | 6 | 9 | 10 | 0 |
| 2 | 2 | 6 | 10 | 8 | 1 | 2 | 10 | 4 |
| | | | 2 | 8 | 4 | | | |

| | | | | | | |
|----------------------|----|---|----------------------|-----------------------|----|---|
| 10 | 11 | 2 | 7 $\frac{1}{2}$ Sqr. | 11 | 21 | 5 |
| 2 | 11 | 5 | by d. $\frac{1}{8}$ | 2 | 22 | 6 |
| 11 | 12 | 1 | 2 11 6 | 12 | 23 | 6 |
| 2 | 12 | 6 | 8 12 4 | 10 In. Sqr. | | |
| 12 | 13 | 6 | 2 13 1 | by d. $\frac{1}{8}$ | | |
| 6 Inch Sqr. | | | 9 14 0 | 10 | 20 | 6 |
| by d. $\frac{1}{8}$ | | | 2 14 6 | 2 | 21 | 7 |
| 6 | 7 | 4 | 10 15 5 | 11 | 22 | 4 |
| 2 | 8 | 0 | 2 16 3 | 2 | 23 | 7 |
| 7 | 8 | 4 | 11 17 1 | 12 | 25 | 0 |
| 2 | 9 | 0 | 2 17 7 | 10 $\frac{1}{2}$ Sqr. | | |
| 8 | 10 | 0 | 12 18 6 | by d. $\frac{1}{8}$ | | |
| 2 | 10 | 5 | 8 Inch Sqr. | | | |
| 9 | 11 | 2 | by d. $\frac{1}{8}$ | 2 | 22 | 7 |
| 2 | 11 | 7 | 8 13 2 | 11 | 24 | 0 |
| 10 | 12 | 4 | 2 14 0 | 2 | 25 | 1 |
| 2 | 13 | 1 | 9 15 0 | 12 | 26 | 2 |
| 11 | 13 | 6 | 2 15 6 | 11 In. Sqr. | | |
| 2 | 14 | 2 | 10 16 4 | by d. $\frac{1}{8}$ | | |
| 12 | 15 | 0 | 2 17 4 | 11 | 25 | 0 |
| 6 $\frac{1}{2}$ Sqr. | | | 11 18 2 | 2 | 26 | 2 |
| by d. $\frac{1}{8}$ | | | 2 19 0 | 12 | 27 | 4 |
| 2 | 8 | 6 | 12 20 0 | 11 $\frac{1}{2}$ Sqr. | | |
| 7 | 9 | 2 | 8 $\frac{1}{2}$ Sqr. | | | |
| 2 | 10 | 0 | by d. $\frac{1}{8}$ | by d. $\frac{1}{8}$ | | |
| 8 | 10 | 7 | 2 15 0 | 2 | 27 | 6 |
| 2 | 11 | 3 | 9 15 7 | 12 | 28 | 6 |
| 9 | 12 | 0 | 2 16 5 | | | |
| 2 | 12 | 6 | 10 17 5 | | | |
| 10 | 13 | 2 | 2 18 4 | | | |
| 2 | 13 | 7 | 11 19 2 | | | |
| 11 | 14 | 2 | 2 20 2 | | | |
| 2 | 15 | 0 | 12 21 2 | | | |
| 12 | 16 | 2 | 9 Inch Sqr. | | | |
| 7 Inch Sqr. | | | by d. $\frac{1}{8}$ | | | |
| by d. $\frac{1}{8}$ | | | 9 16 7 | | | |
| 7 | 10 | 1 | 2 17 6 | | | |
| 2 | 10 | 7 | 10 18 6 | | | |
| 8 | 11 | 4 | 2 19 2 | | | |
| 2 | 12 | 1 | 11 20 5 | | | |
| 9 | 13 | 1 | 2 21 4 | | | |
| 2 | 13 | 6 | 12 22 4 | | | |
| 10 | 14 | 4 | 9 $\frac{1}{2}$ Sqr. | | | |
| 2 | 15 | 3 | by d. $\frac{1}{8}$ | | | |
| 11 | 16 | 0 | 2 18 6 | | | |
| 2 | 16 | 6 | 10 19 5 | | | |
| 12 | 17 | 4 | 2 20 5 | | | |

| 2 Inch Sqr. | | | 5 | 3 | 3 | 11 | 11 | 0 |
|----------------------|----|----|----------------------|----|----|----------------------|----|----|
| by | d. | q. | 2 | 4 | 0 | 2 | 11 | 2 |
| 2 | 1 | 1 | 6 | 4 | 2 | 12 | 12 | 0 |
| 3 | 1 | 2 | 2 | 4 | 3 | 4 $\frac{1}{2}$ Sqr. | | |
| 2 | 1 | 3 | 7 | 5 | 1 | by | d. | q. |
| 4 | 2 | 0 | 2 | 5 | 2 | 2 | 5 | 0 |
| 2 | 2 | 1 | 8 | 6 | 0 | 5 | 5 | 2 |
| 5 | 2 | 2 | 2 | 6 | 1 | 2 | 6 | 0 |
| 2 | 2 | 3 | 9 | 6 | 3 | 6 | 6 | 3 |
| 6 | 3 | 0 | 2 | 7 | 0 | 2 | 7 | 1 |
| 2 | 3 | 1 | 10 | 7 | 2 | 7 | 7 | 3 |
| 7 | 3 | 2 | 2 | 7 | 3 | 2 | 8 | 1 |
| 2 | 3 | 3 | 11 | 8 | 1 | 8 | 9 | 0 |
| 8 | 4 | 0 | 2 | 8 | 2 | 2 | 9 | 2 |
| 2 | 4 | 1 | 12 | 9 | 0 | 9 | 10 | 0 |
| 9 | 4 | 2 | 3 $\frac{1}{2}$ Sqr. | | | 2 | 10 | 2 |
| 2 | 4 | 3 | by | d. | q. | 10 | 11 | 1 |
| 10 | 5 | 0 | 2 | 3 | 0 | 2 | 11 | 3 |
| 2 | 5 | 1 | 4 | 3 | 2 | 11 | 12 | 1 |
| 11 | 5 | 2 | 2 | 3 | 3 | 2 | 12 | 3 |
| 2 | 5 | 3 | 5 | 4 | 1 | 12 | 13 | 2 |
| 12 | 6 | 0 | 2 | 4 | 3 | 5 Inch Sqr. | | |
| 2 $\frac{1}{2}$ Sqr. | | | 6 | 5 | 1 | by | d. | q. |
| by | d. | q. | 2 | 5 | 2 | 5 | 6 | 1 |
| 2 | 1 | 2 | 7 | 6 | 0 | 2 | 6 | 3 |
| 3 | 1 | 3 | 2 | 6 | 2 | 6 | 7 | 2 |
| 2 | 2 | 0 | 8 | 7 | 0 | 2 | 8 | 0 |
| 4 | 2 | 2 | 2 | 7 | 1 | 7 | 8 | 3 |
| 2 | 2 | 3 | 9 | 7 | 3 | 2 | 9 | 1 |
| 5 | 3 | 0 | 2 | 8 | 1 | 8 | 10 | 0 |
| 2 | 3 | 1 | 10 | 8 | 3 | 2 | 10 | 2 |
| 6 | 3 | 3 | 2 | 9 | 0 | 9 | 11 | 1 |
| 2 | 4 | 0 | 11 | 9 | 2 | 2 | 11 | 3 |
| 7 | 4 | 1 | 2 | 10 | 0 | 10 | 12 | 2 |
| 2 | 4 | 2 | 12 | 10 | 2 | 2 | 13 | 0 |
| 8 | 5 | 0 | 4 Inch Sqr. | | | 11 | 13 | 3 |
| 2 | 5 | 1 | by | d. | q. | 2 | 14 | 1 |
| 9 | 5 | 2 | 4 | 4 | 0 | 12 | 15 | 0 |
| 2 | 5 | 3 | 2 | 4 | 2 | 5 $\frac{1}{2}$ Sqr. | | |
| 10 | 6 | 1 | 5 | 5 | 0 | by | d. | q. |
| 2 | 6 | 2 | 2 | 5 | 2 | 2 | 7 | 2 |
| 11 | 6 | 3 | 6 | 6 | 0 | 6 | 8 | 1 |
| 2 | 7 | 0 | 2 | 6 | 2 | 2 | 8 | 3 |
| 12 | 7 | 2 | 7 | 7 | 0 | 7 | 9 | 2 |
| 3 Inch Sqr. | | | 2 | 7 | 2 | 2 | 10 | 1 |
| by | d. | q. | 8 | 8 | 0 | 8 | 11 | 0 |
| 3 | 2 | 1 | 2 | 8 | 2 | 2 | 11 | 2 |
| 2 | 2 | 2 | 9 | 9 | 0 | 9 | 12 | 1 |
| 4 | 3 | 0 | 2 | 9 | 2 | 2 | 13 | 0 |
| 2 | 3 | 1 | 10 | 10 | 0 | | | |
| | | | 2 | 10 | 2 | | | |

| | | | | | | | | |
|----------------------|----|----|----------------------|----|----|-----------------------|----|----|
| 10 | 13 | 3 | 7 $\frac{1}{2}$ Sqr. | | | 11 | 26 | 0 |
| 2 | 14 | 1 | by | d. | q. | 2 | 27 | 1 |
| 11 | 15 | 0 | 2 | 14 | 0 | 12 | 28 | 2 |
| 2 | 15 | 3 | 8 | 15 | 0 | 10 ln. Sqr. | | |
| 12 | 16 | 2 | 2 | 15 | 3 | by | d. | q. |
| 6 Inch Sqr. | | | 9 | 16 | 3 | 10 | 25 | 0 |
| by | d. | q. | 2 | 17 | 3 | 2 | 26 | 1 |
| 6 | 9 | 0 | 10 | 18 | 3 | 11 | 27 | 2 |
| 2 | 9 | 3 | 2 | 19 | 2 | 2 | 28 | 3 |
| 7 | 10 | 2 | 11 | 20 | 2 | 12 | 30 | 0 |
| 2 | 11 | 1 | 2 | 21 | 2 | 10 $\frac{1}{2}$ Sqr. | | |
| 8 | 12 | 0 | 12 | 22 | 2 | by | d. | q. |
| 2 | 12 | 3 | 8 Inch Sqr. | | | 2 | 27 | 2 |
| 9 | 13 | 2 | by | d. | q. | 11 | 28 | 3 |
| 2 | 14 | 1 | 8 | 16 | 0 | 2 | 30 | 0 |
| 10 | 15 | 0 | 2 | 17 | 0 | 12 | 31 | 2 |
| 2 | 15 | 3 | 9 | 18 | 0 | 11 ln. Sqr. | | |
| 11 | 16 | 2 | 2 | 19 | 0 | by | d. | q. |
| 2 | 17 | 1 | 10 | 20 | 0 | 11 | 30 | 1 |
| 12 | 18 | 0 | 2 | 21 | 0 | 2 | 31 | 2 |
| 6 $\frac{1}{2}$ Sqr. | | | 11 | 22 | 0 | 12 | 33 | 0 |
| by | d. | q. | 2 | 23 | 0 | 11 $\frac{1}{2}$ Sqr. | | |
| 2 | 10 | 2 | 12 | 24 | 0 | by | d. | q. |
| 7 | 11 | 1 | 8 $\frac{1}{2}$ Sqr. | | | 2 | 33 | 0 |
| 2 | 12 | 0 | by | d. | q. | 12 | 34 | 2 |
| 8 | 13 | 0 | 2 | 18 | 0 | 9 Inch Sqr. | | |
| 2 | 13 | 3 | 9 | 19 | 0 | by | d. | q. |
| 9 | 14 | 2 | 2 | 20 | 0 | 2 | 33 | 0 |
| 2 | 15 | 1 | 10 | 21 | 1 | 12 | 34 | 2 |
| 10 | 16 | 1 | 2 | 22 | 1 | 7 Inch Sqr. | | |
| 2 | 17 | 0 | 11 | 23 | 1 | by | d. | q. |
| 11 | 17 | 3 | 2 | 24 | 1 | 7 | 12 | 1 |
| 2 | 18 | 2 | 12 | 25 | 2 | 2 | 13 | 0 |
| 12 | 19 | 2 | 9 Inch Sqr. | | | 8 | 14 | 0 |
| 7 Inch Sqr. | | | by | d. | q. | 2 | 14 | 3 |
| by | d. | q. | 9 | 20 | 1 | 9 | 15 | 3 |
| 7 | 12 | 1 | 2 | 21 | 1 | 2 | 16 | 2 |
| 2 | 13 | 0 | 10 | 22 | 2 | 10 | 17 | 2 |
| 8 | 14 | 0 | 2 | 23 | 2 | 2 | 18 | 1 |
| 2 | 14 | 3 | 11 | 24 | 3 | 11 | 19 | 1 |
| 9 | 15 | 3 | 2 | 25 | 3 | 2 | 20 | 0 |
| 2 | 16 | 2 | 12 | 27 | 0 | 12 | 21 | 0 |
| 10 | 17 | 2 | 9 $\frac{1}{2}$ Sqr. | | | 9 Inch Sqr. | | |
| 2 | 18 | 1 | by | d. | q. | by | d. | q. |
| 11 | 19 | 1 | 2 | 22 | 2 | 9 | 20 | 1 |
| 2 | 20 | 0 | 10 | 23 | 3 | 2 | 21 | 1 |
| 12 | 21 | 0 | 2 | 24 | 3 | 10 | 22 | 2 |
| | | | | | | 2 | 23 | 2 |
| | | | | | | 11 | 24 | 3 |
| | | | | | | 2 | 25 | 3 |
| | | | | | | 12 | 27 | 0 |
| | | | | | | 9 $\frac{1}{2}$ Sqr. | | |
| | | | | | | by | d. | q. |
| | | | | | | 2 | 22 | 2 |
| | | | | | | 10 | 23 | 3 |
| | | | | | | 2 | 24 | 3 |



A N E W
T A B L E

O F

Superficial,

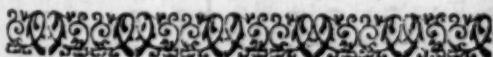
O R,

Flat Measure,

Ready cast up ;

Whereby the *Superficial Content*,
and consequently the Value,
of any Quantity of *Board*,
Glass, &c. may be found AT
SIGHT, from *one Inch* to 24
Inches the BREADTH, and
from a *Quarter* of an *Inch* to
24 *Foot* the LENGTH.

And therefore, by *Addition* only, may
serve to any greater *Breadth* or *Length*,
if there should ever be Occasion.



| Feet long. | 1 Inch broad. | | | Feet long. | 1 $\frac{1}{4}$ broad. | | | | |
|----------------|---------------|-----|-----|------------|------------------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. | | |
| 1 | 0 | 1 | 0 | 1 | 0 | 1 | 3 | | |
| 2 | 0 | 2 | 0 | 2 | 0 | 2 | 6 | | |
| 3 | 0 | 3 | 0 | 3 | 0 | 3 | 9 | | |
| 4 | 0 | 4 | 0 | 4 | 0 | 5 | 0 | | |
| 5 | 0 | 5 | 0 | 5 | 0 | 6 | 3 | | |
| 6 | 0 | 6 | 0 | 6 | 0 | 7 | 6 | | |
| 7 | 0 | 7 | 0 | 7 | 0 | 8 | 9 | | |
| 8 | 0 | 8 | 0 | 8 | 0 | 10 | 0 | | |
| 9 | 0 | 9 | 0 | 9 | 0 | 11 | 3 | | |
| 10 | 0 | 10 | 0 | 10 | 1 | 0 | 6 | | |
| 11 | 0 | 11 | 0 | 11 | 1 | 1 | 9 | | |
| 12 | 1 | 0 | 0 | 12 | 1 | 3 | 0 | | |
| 13 | 1 | 1 | 0 | 13 | 1 | 4 | 3 | | |
| 14 | 1 | 2 | 0 | 14 | 1 | 5 | 6 | | |
| 15 | 1 | 3 | 0 | 15 | 1 | 6 | 9 | | |
| 16 | 1 | 4 | 0 | 16 | 1 | 8 | 0 | | |
| 17 | 1 | 5 | 0 | 17 | 1 | 9 | 3 | | |
| 18 | 1 | 6 | 0 | 18 | 1 | 10 | 6 | | |
| 19 | 1 | 7 | 0 | 19 | 1 | 11 | 9 | | |
| 20 | 1 | 8 | 0 | 20 | 2 | 1 | 0 | | |
| 21 | 1 | 9 | 0 | 21 | 2 | 2 | 3 | | |
| 22 | 1 | 10 | 0 | 22 | 2 | 3 | 6 | | |
| 23 | 1 | 11 | 0 | 23 | 2 | 4 | 9 | | |
| 24 | 2 | 0 | 0 | 24 | 2 | 6 | 0 | | |
| Inches long. | | | | | Inches long. | | | | |
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 1 | 3 |
| 2 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 2 | 6 |
| 3 | 0 | 0 | 3 | 0 | 3 | 0 | 0 | 3 | 9 |
| 4 | 0 | 0 | 4 | 0 | 4 | 0 | 0 | 5 | 0 |
| 5 | 0 | 0 | 5 | 0 | 5 | 0 | 0 | 6 | 3 |
| 6 | 0 | 0 | 6 | 0 | 6 | 0 | 0 | 7 | 6 |
| 7 | 0 | 0 | 7 | 0 | 7 | 0 | 0 | 8 | 9 |
| 8 | 0 | 0 | 8 | 0 | 8 | 0 | 0 | 10 | 0 |
| 9 | 0 | 0 | 9 | 0 | 9 | 0 | 0 | 11 | 3 |
| 10 | 0 | 0 | 10 | 0 | 10 | 0 | 1 | 0 | 6 |
| 11 | 0 | 0 | 11 | 0 | 11 | 0 | 1 | 1 | 9 |
| Qrs. In. long. | | | | | Qrs. In. long. | | | | |
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| $\frac{1}{4}$ | 0 | 0 | 3 | 0 | $\frac{1}{4}$ | 0 | 0 | 3 | 9 |
| $\frac{1}{2}$ | 0 | 0 | 6 | 0 | $\frac{1}{2}$ | 0 | 0 | 7 | 6 |
| $\frac{3}{4}$ | 0 | 0 | 9 | 0 | $\frac{3}{4}$ | 0 | 0 | 11 | 3 |

| Feet long. | 1 $\frac{1}{2}$ broad. | | | Feet long. | 1 $\frac{3}{4}$ broad. | | |
|------------|------------------------|-----|-----|------------|------------------------|-----|-----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 0 | 1 | 6 | 1 | 0 | 1 | 9 |
| 2 | 0 | 3 | 0 | 2 | 0 | 3 | 6 |
| 3 | 0 | 4 | 6 | 3 | 0 | 5 | 3 |
| 4 | 0 | 6 | 0 | 4 | 0 | 7 | 0 |
| 5 | 0 | 7 | 6 | 5 | 0 | 8 | 9 |
| 6 | 0 | 9 | 0 | 6 | 0 | 10 | 6 |
| 7 | 0 | 10 | 6 | 7 | 1 | 0 | 3 |
| 8 | 1 | 0 | 0 | 8 | 1 | 2 | 0 |
| 9 | 1 | 1 | 6 | 9 | 1 | 3 | 9 |
| 10 | 1 | 3 | 0 | 10 | 1 | 5 | 6 |
| 11 | 1 | 4 | 6 | 11 | 1 | 7 | 3 |
| 12 | 1 | 6 | 0 | 12 | 1 | 9 | 0 |
| 13 | 1 | 7 | 6 | 13 | 1 | 10 | 9 |
| 14 | 1 | 9 | 0 | 14 | 2 | 0 | 6 |
| 15 | 1 | 10 | 6 | 15 | 2 | 2 | 3 |
| 16 | 2 | 0 | 0 | 16 | 2 | 4 | 0 |
| 17 | 2 | 1 | 6 | 17 | 2 | 5 | 9 |
| 18 | 2 | 3 | 0 | 18 | 2 | 7 | 6 |
| 19 | 2 | 4 | 6 | 19 | 2 | 9 | 3 |
| 20 | 2 | 6 | 0 | 20 | 2 | 11 | 0 |
| 21 | 2 | 7 | 6 | 21 | 3 | 0 | 9 |
| 22 | 2 | 9 | 0 | 22 | 3 | 2 | 6 |
| 23 | 2 | 10 | 6 | 23 | 3 | 4 | 3 |
| 24 | 3 | 0 | 0 | 24 | 3 | 6 | 0 |

| Inches long. | | | | | Inches long. | | | | |
|--------------|-----|-----|-----|----|--------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 0 | 1 | 6 | 1 | 0 | 0 | 1 | 9 |
| 2 | 0 | 0 | 3 | 0 | 2 | 0 | 0 | 3 | 6 |
| 3 | 0 | 0 | 4 | 6 | 3 | 0 | 0 | 5 | 3 |
| 4 | 0 | 0 | 6 | 0 | 4 | 0 | 0 | 7 | 0 |
| 5 | 0 | 0 | 7 | 6 | 5 | 0 | 0 | 8 | 9 |
| 6 | 0 | 0 | 9 | 0 | 6 | 0 | 0 | 10 | 6 |
| 7 | 0 | 0 | 10 | 6 | 7 | 0 | 1 | 0 | 3 |
| 8 | 0 | 1 | 0 | 0 | 8 | 0 | 1 | 2 | 0 |
| 9 | 0 | 1 | 1 | 6 | 9 | 0 | 1 | 3 | 9 |
| 10 | 0 | 1 | 3 | 0 | 10 | 0 | 1 | 5 | 6 |
| 11 | 0 | 1 | 4 | 6 | 11 | 0 | 1 | 7 | 3 |

| 24 $\frac{1}{2}$ In. long. | | | | | 24 $\frac{1}{2}$ In. long. | | | | |
|----------------------------|-----|-----|----|----|----------------------------|-----|-----|----|----|
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| | 0 | 0 | 4 | 6 | | 0 | 0 | 5 | 3 |
| | 0 | 0 | 9 | 0 | | 0 | 0 | 10 | 6 |
| | 0 | 1 | 1 | 6 | | 0 | 1 | 3 | 9 |

| Feet long. | 2 Inch. broad. | | | Feet long. | 2 $\frac{1}{4}$ broad. | | |
|------------|----------------|-----|-----|------------|------------------------|-----|-----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 0 | 2 | 0 | 1 | 0 | 2 | 3 |
| 2 | 0 | 4 | 0 | 2 | 0 | 4 | 6 |
| 3 | 0 | 6 | 0 | 3 | 0 | 6 | 9 |
| 4 | 0 | 8 | 0 | 4 | 0 | 9 | 0 |
| 5 | 0 | 10 | 0 | 5 | 0 | 11 | 3 |
| 6 | 1 | 0 | 0 | 6 | 1 | 1 | 6 |
| 7 | 1 | 2 | 0 | 7 | 1 | 3 | 9 |
| 8 | 1 | 4 | 0 | 8 | 1 | 6 | 0 |
| 9 | 1 | 6 | 0 | 9 | 1 | 8 | 3 |
| 10 | 1 | 8 | 0 | 10 | 1 | 10 | 6 |
| 11 | 1 | 10 | 0 | 11 | 2 | 0 | 9 |
| 12 | 2 | 0 | 0 | 12 | 2 | 3 | 0 |
| 13 | 2 | 2 | 0 | 13 | 2 | 5 | 3 |
| 14 | 2 | 4 | 0 | 14 | 2 | 7 | 6 |
| 15 | 2 | 6 | 0 | 15 | 2 | 9 | 9 |
| 16 | 2 | 8 | 0 | 16 | 3 | 0 | 0 |
| 17 | 2 | 10 | 0 | 17 | 3 | 2 | 3 |
| 18 | 3 | 0 | 0 | 18 | 3 | 4 | 6 |
| 19 | 3 | 2 | 0 | 19 | 3 | 6 | 9 |
| 20 | 3 | 4 | 0 | 20 | 3 | 9 | 0 |
| 21 | 3 | 6 | 0 | 21 | 3 | 11 | 3 |
| 22 | 3 | 8 | 0 | 22 | 4 | 1 | 6 |
| 23 | 3 | 10 | 0 | 23 | 4 | 3 | 9 |
| 24 | 4 | 0 | 0 | 24 | 4 | 6 | 0 |

| Inches long. | | | | | Inches long. | | | | |
|--------------|-----|-----|-----|----|--------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 2 | 3 |
| 2 | 0 | 0 | 4 | 0 | 2 | 0 | 0 | 4 | 6 |
| 3 | 0 | 0 | 6 | 0 | 3 | 0 | 0 | 6 | 9 |
| 4 | 0 | 0 | 8 | 0 | 4 | 0 | 0 | 9 | 0 |
| 5 | 0 | 0 | 10 | 0 | 5 | 0 | 0 | 11 | 3 |
| 6 | 0 | 1 | 0 | 0 | 6 | 0 | 1 | 1 | 6 |
| 7 | 0 | 1 | 2 | 0 | 7 | 0 | 1 | 3 | 9 |
| 8 | 0 | 1 | 4 | 0 | 8 | 0 | 1 | 6 | 0 |
| 9 | 0 | 1 | 6 | 0 | 9 | 0 | 1 | 8 | 3 |
| 10 | 0 | 1 | 8 | 0 | 10 | 0 | 2 | 10 | 6 |
| 11 | 0 | 1 | 10 | 0 | 11 | 0 | 3 | 0 | 9 |

| Qrs. In. long. | | | | | Qrs. In. long. | | | | |
|----------------|-----|-----|----|----|----------------|-----|-----|----|----|
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| $\frac{1}{4}$ | 0 | 0 | 6 | 0 | $\frac{1}{4}$ | 0 | 0 | 6 | 9 |
| $\frac{1}{2}$ | 0 | 1 | 0 | 0 | $\frac{1}{2}$ | 0 | 1 | 1 | 6 |
| $\frac{3}{4}$ | 0 | 1 | 6 | 0 | $\frac{3}{4}$ | 0 | 1 | 8 | 3 |

| 2 $\frac{1}{2}$ broad. | | | | 2 $\frac{3}{4}$ broad. | | | |
|------------------------|-----|-----|--------|------------------------|-----|-----|--------|
| Feet long. | Ft. | In. | Pa. | Feet long. | Ft. | In. | Pa. |
| | | | | | | | |
| 1 | 0 | 2 | 6 | 1 | 0 | 2 | 9 |
| 2 | 0 | 5 | 0 | 2 | 0 | 5 | 6 |
| 3 | 0 | 7 | 6 | 3 | 0 | 8 | 3 |
| 4 | 0 | 10 | 0 | 4 | 0 | 11 | 0 |
| 5 | 1 | 0 | 6 | 5 | 1 | 1 | 9 |
| 6 | 1 | 3 | 0 | 6 | 1 | 4 | 6 |
| 7 | 1 | 5 | 6 | 7 | 1 | 7 | 3 |
| 8 | 1 | 8 | 0 | 8 | 1 | 10 | 0 |
| 9 | 1 | 10 | 6 | 9 | 2 | 0 | 9 |
| 10 | 2 | 1 | 0 | 10 | 2 | 3 | 6 |
| 11 | 2 | 3 | 6 | 11 | 2 | 6 | 3 |
| 12 | 2 | 6 | 0 | 12 | 2 | 9 | 0 |
| 13 | 2 | 8 | 6 | 13 | 2 | 11 | 9 |
| 14 | 2 | 11 | 0 | 14 | 3 | 2 | 6 |
| 15 | 3 | 1 | 6 | 15 | 3 | 5 | 3 |
| 16 | 3 | 4 | 0 | 16 | 3 | 8 | 0 |
| 17 | 3 | 6 | 6 | 17 | 3 | 10 | 9 |
| 18 | 3 | 9 | 0 | 18 | 4 | 1 | 6 |
| 19 | 3 | 11 | 6 | 19 | 4 | 4 | 3 |
| 20 | 4 | 2 | 0 | 20 | 4 | 7 | 0 |
| 21 | 4 | 4 | 6 | 21 | 4 | 9 | 9 |
| 22 | 4 | 7 | 0 | 22 | 5 | 0 | 6 |
| 23 | 4 | 9 | 6 | 23 | 5 | 3 | 3 |
| 24 | 5 | 0 | 0 | 24 | 5 | 6 | 0 |
| Inches long. | | | | Inches long. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| 1 | 0 | 0 | 2 6 | 1 | 0 | 0 | 2 9 |
| 2 | 0 | 0 | 5 0 | 2 | 0 | 0 | 5 6 |
| 3 | 0 | 0 | 7 6 | 3 | 0 | 0 | 8 3 |
| 4 | 0 | 0 | 10 0 | 4 | 0 | 0 | 11 0 |
| 5 | 0 | 1 | 0 6 | 5 | 0 | 1 | 1 9 |
| 6 | 0 | 1 | 3 0 | 6 | 0 | 1 | 4 6 |
| 7 | 0 | 1 | 5 6 | 7 | 0 | 1 | 7 3 |
| 8 | 0 | 1 | 8 0 | 8 | 0 | 1 | 10 0 |
| 9 | 0 | 1 | 10 6 | 9 | 0 | 2 | 0 9 |
| 10 | 0 | 2 | 1 0 | 10 | 0 | 2 | 3 6 |
| 11 | 0 | 2 | 3 6 | 11 | 0 | 2 | 6 3 |
| Qrs. In. long. | | | | Qrs. In. long. | | | |
| | In. | Pa. | S. T. | | In. | Pa. | S. T. |
| | 0 | 0 | 7 6 | | 0 | 0 | 8 3 |
| | 0 | 1 | 3 0 | | 0 | 1 | 4 6 |
| | 0 | 1 | 10 6 | | 0 | 2 | 0 9 |

| Feet long. | 3 Inch. broad. | | | Feet long. | 3 $\frac{1}{4}$ broad. | | |
|------------|----------------|-----|-----|------------|------------------------|-----|-----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 0 | 3 | 0 | 1 | 0 | 3 | 3 |
| 2 | 0 | 6 | 0 | 2 | 0 | 6 | 6 |
| 3 | 0 | 9 | 0 | 3 | 0 | 9 | 9 |
| 4 | 1 | 0 | 0 | 4 | 1 | 1 | 0 |
| 5 | 1 | 3 | 0 | 5 | 1 | 4 | 3 |
| 6 | 1 | 6 | 0 | 6 | 1 | 7 | 6 |
| 7 | 1 | 9 | 0 | 7 | 1 | 10 | 9 |
| 8 | 2 | 0 | 0 | 8 | 2 | 2 | 0 |
| 9 | 2 | 3 | 0 | 9 | 2 | 5 | 3 |
| 10 | 2 | 6 | 0 | 10 | 2 | 8 | 6 |
| 11 | 2 | 9 | 0 | 11 | 2 | 11 | 9 |
| 12 | 3 | 0 | 0 | 12 | 3 | 3 | 0 |
| 13 | 3 | 3 | 0 | 13 | 3 | 6 | 3 |
| 14 | 3 | 6 | 0 | 14 | 3 | 9 | 6 |
| 15 | 3 | 9 | 0 | 15 | 4 | 0 | 9 |
| 16 | 4 | 0 | 0 | 16 | 4 | 4 | 0 |
| 17 | 4 | 3 | 0 | 17 | 4 | 7 | 3 |
| 18 | 4 | 6 | 0 | 18 | 4 | 10 | 6 |
| 19 | 4 | 9 | 0 | 19 | 5 | 1 | 9 |
| 20 | 5 | 0 | 0 | 20 | 5 | 5 | 0 |
| 21 | 5 | 3 | 0 | 21 | 5 | 8 | 3 |
| 22 | 5 | 6 | 0 | 22 | 5 | 11 | 6 |
| 23 | 5 | 9 | 0 | 23 | 6 | 2 | 9 |
| 24 | 6 | 0 | 0 | 24 | 6 | 6 | 0 |

| Inches long. | | | | | Inches long. | | | | |
|--------------|-----|-----|-----|----|--------------|-----|-----|-----|----|
| | Fr. | In. | Pa. | S. | | Fr. | In. | Pa. | S. |
| 1 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 3 | 3 |
| 2 | 0 | 0 | 6 | 0 | 2 | 0 | 0 | 6 | 6 |
| 3 | 0 | 0 | 9 | 0 | 3 | 0 | 0 | 9 | 9 |
| 4 | 0 | 1 | 0 | 0 | 4 | 0 | 1 | 1 | 0 |
| 5 | 0 | 1 | 3 | 0 | 5 | 0 | 1 | 4 | 3 |
| 6 | 0 | 1 | 6 | 0 | 6 | 0 | 1 | 7 | 6 |
| 7 | 0 | 1 | 9 | 0 | 7 | 0 | 1 | 10 | 9 |
| 8 | 0 | 2 | 0 | 0 | 8 | 0 | 2 | 2 | 0 |
| 9 | 0 | 2 | 3 | 0 | 9 | 0 | 2 | 5 | 3 |
| 10 | 0 | 2 | 6 | 0 | 10 | 0 | 2 | 8 | 6 |
| 11 | 0 | 2 | 9 | 0 | 11 | 0 | 2 | 11 | 9 |

| Qrs. In. long. | | | | | Qrs. In. long. | | | | |
|----------------|-----|-----|----|----|----------------|-----|-----|----|----|
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| | 0 | 0 | 9 | 0 | $\frac{1}{4}$ | 0 | 0 | 9 | 9 |
| | 0 | 1 | 6 | 0 | $\frac{1}{2}$ | 0 | 1 | 7 | 6 |
| | 0 | 2 | 3 | 0 | $\frac{3}{4}$ | 0 | 2 | 5 | 3 |

| 3 $\frac{1}{2}$ broad. | | | | 3 $\frac{3}{4}$ broad. | | | |
|------------------------|----------------|-----|--------|------------------------|----------------|-----|--------|
| Feet long. | Ft. In. Pa. | | | Feet long. | Ft. In. Pa. | | |
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 0 | 3 | 6 | 1 | 0 | 3 | 9 |
| 2 | 0 | 7 | 0 | 2 | 0 | 7 | 6 |
| 3 | 0 | 10 | 6 | 3 | 0 | 11 | 3 |
| 4 | 1 | 2 | 0 | 4 | 1 | 3 | 0 |
| 5 | 1 | 5 | 6 | 5 | 1 | 6 | 9 |
| 6 | 1 | 9 | 0 | 6 | 1 | 10 | 6 |
| 7 | 2 | 0 | 6 | 7 | 2 | 2 | 3 |
| 8 | 2 | 4 | 0 | 8 | 2 | 6 | 0 |
| 9 | 2 | 7 | 6 | 9 | 2 | 9 | 9 |
| 10 | 2 | 11 | 0 | 10 | 3 | 1 | 6 |
| 11 | 3 | 2 | 6 | 11 | 3 | 5 | 3 |
| 12 | 3 | 6 | 0 | 12 | 3 | 9 | 0 |
| 13 | 3 | 9 | 6 | 13 | 4 | 0 | 9 |
| 14 | 4 | 1 | 0 | 14 | 4 | 4 | 6 |
| 15 | 4 | 4 | 6 | 15 | 4 | 8 | 3 |
| 16 | 4 | 8 | 0 | 16 | 5 | 0 | 0 |
| 17 | 4 | 11 | 6 | 17 | 5 | 3 | 9 |
| 18 | 5 | 3 | 0 | 18 | 5 | 7 | 6 |
| 19 | 5 | 6 | 6 | 19 | 5 | 11 | 3 |
| 20 | 5 | 10 | 0 | 20 | 6 | 3 | 0 |
| 21 | 6 | 1 | 6 | 21 | 6 | 6 | 9 |
| 22 | 6 | 5 | 0 | 22 | 6 | 10 | 6 |
| 23 | 6 | 8 | 6 | 23 | 7 | 2 | 3 |
| 24 | 7 | 0 | 0 | 24 | 7 | 6 | 0 |
| Inches long. | | | | Inches long. | | | |
| Feet long. | Fr. In. Pa. S. | | | Feet long. | Fr. In. Pa. S. | | |
| | Fr. | In. | Pa. S. | | Fr. | In. | Pa. S. |
| 1 | 0 | 0 | 3 6 | 1 | 0 | 0 | 3 9 |
| 2 | 0 | 0 | 7 0 | 2 | 0 | 0 | 7 6 |
| 3 | 0 | 0 | 10 6 | 3 | 0 | 0 | 11 3 |
| 4 | 0 | 1 | 2 0 | 4 | 0 | 1 | 3 0 |
| 5 | 0 | 1 | 5 6 | 5 | 0 | 1 | 6 9 |
| 6 | 0 | 1 | 9 0 | 6 | 0 | 1 | 10 6 |
| 7 | 0 | 2 | 0 6 | 7 | 0 | 2 | 2 3 |
| 8 | 0 | 2 | 4 0 | 8 | 0 | 2 | 6 0 |
| 9 | 0 | 2 | 7 6 | 9 | 0 | 2 | 9 9 |
| 10 | 0 | 2 | 11 0 | 10 | 0 | 3 | 1 6 |
| 11 | 0 | 3 | 2 6 | 11 | 0 | 3 | 5 3 |
| Qrs. In. long. | | | | Qrs. In. long. | | | |
| In. Pa. S. T. | In. Pa. S. T. | | | In. Pa. S. T. | In. Pa. S. T. | | |
| | In. | Pa. | S. T. | | In. | Pa. | S. T. |
| 1 | 0 | 0 | 10 6 | 1 | 0 | 0 | 11 3 |
| 2 | 0 | 1 | 9 0 | 2 | 0 | 1 | 10 6 |
| 3 | 0 | 2 | 7 6 | 3 | 0 | 2 | 9 9 |

| Feet long. | 4 Inch. broad. | | | Feet long. | 4 $\frac{1}{4}$ broad. | | | | |
|----------------|----------------|-----|-----|------------|------------------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. | | |
| 1 | 0 | 4 | 0 | 1 | 0 | 4 | 3 | | |
| 2 | 0 | 8 | 0 | 2 | 0 | 8 | 6 | | |
| 3 | 1 | 0 | 0 | 3 | 1 | 0 | 9 | | |
| 4 | 1 | 4 | 0 | 4 | 1 | 5 | 0 | | |
| 5 | 1 | 8 | 0 | 5 | 1 | 9 | 3 | | |
| 6 | 2 | 0 | 0 | 6 | 2 | 1 | 6 | | |
| 7 | 2 | 4 | 0 | 7 | 2 | 5 | 9 | | |
| 8 | 2 | 8 | 0 | 8 | 2 | 10 | 0 | | |
| 9 | 3 | 0 | 0 | 9 | 3 | 2 | 3 | | |
| 10 | 3 | 4 | 0 | 10 | 3 | 6 | 6 | | |
| 11 | 3 | 8 | 0 | 11 | 3 | 10 | 9 | | |
| 12 | 4 | 0 | 0 | 12 | 4 | 3 | 0 | | |
| 13 | 4 | 4 | 0 | 13 | 4 | 7 | 3 | | |
| 14 | 4 | 8 | 0 | 14 | 4 | 11 | 6 | | |
| 15 | 5 | 0 | 0 | 15 | 5 | 3 | 9 | | |
| 16 | 5 | 4 | 0 | 16 | 5 | 8 | 0 | | |
| 17 | 5 | 8 | 0 | 17 | 6 | 0 | 3 | | |
| 18 | 6 | 0 | 0 | 18 | 6 | 4 | 6 | | |
| 19 | 6 | 4 | 0 | 19 | 6 | 8 | 9 | | |
| 20 | 6 | 8 | 0 | 20 | 7 | 1 | 0 | | |
| 21 | 7 | 0 | 0 | 21 | 7 | 5 | 3 | | |
| 22 | 7 | 4 | 0 | 22 | 7 | 9 | 6 | | |
| 23 | 7 | 8 | 0 | 23 | 8 | 1 | 9 | | |
| 24 | 8 | 0 | 0 | 24 | 8 | 6 | 0 | | |
| Inches long. | | | | | Inches long. | | | | |
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 0 | 4 | 0 | 1 | 0 | 0 | 4 | 3 |
| 2 | 0 | 0 | 8 | 0 | 2 | 0 | 0 | 8 | 6 |
| 3 | 0 | 1 | 0 | 0 | 3 | 0 | 1 | 0 | 9 |
| 4 | 0 | 1 | 4 | 0 | 4 | 0 | 1 | 5 | 0 |
| 5 | 0 | 1 | 8 | 0 | 5 | 0 | 1 | 9 | 3 |
| 6 | 0 | 2 | 0 | 0 | 6 | 0 | 2 | 1 | 6 |
| 7 | 0 | 2 | 4 | 0 | 7 | 0 | 2 | 5 | 9 |
| 8 | 0 | 2 | 8 | 0 | 8 | 0 | 2 | 10 | 0 |
| 9 | 0 | 3 | 0 | 0 | 9 | 0 | 3 | 2 | 3 |
| 10 | 0 | 3 | 4 | 0 | 10 | 0 | 3 | 6 | 6 |
| 11 | 0 | 3 | 8 | 0 | 11 | 0 | 3 | 10 | 9 |
| Qrs. In. long. | | | | | Qrs. In. long. | | | | |
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| $\frac{1}{4}$ | 0 | 1 | 0 | 0 | $\frac{1}{4}$ | 0 | 1 | 0 | 9 |
| $\frac{1}{2}$ | 0 | 2 | 0 | 0 | $\frac{1}{2}$ | 0 | 2 | 1 | 6 |
| $\frac{3}{4}$ | 0 | 3 | 0 | 0 | $\frac{3}{4}$ | 0 | 3 | 2 | 3 |

| 4 $\frac{1}{2}$ broad. | | | | 4 $\frac{3}{4}$ broad. | | | | | | | |
|------------------------|---|-----|-----|------------------------|------------|----------------|-----|-----|-----|-----|-----|
| Feet long. | | Ft. | In. | Pa. | Feet long. | | Ft. | In. | Pa. | | |
| 1 | 0 | 4 | 6 | | 1 | 0 | 4 | 9 | | | |
| 2 | 0 | 9 | 0 | | 2 | 0 | 9 | 6 | | | |
| 3 | 1 | 1 | 6 | | 3 | 1 | 2 | 3 | | | |
| 4 | 1 | 6 | 0 | | 4 | 1 | 7 | 0 | | | |
| 5 | 1 | 10 | 6 | | 5 | 1 | 11 | 9 | | | |
| 6 | 2 | 3 | 0 | | 6 | 2 | 4 | 6 | | | |
| 7 | 2 | 7 | 6 | | 7 | 2 | 9 | 3 | | | |
| 8 | 3 | 0 | 0 | | 8 | 3 | 2 | 0 | | | |
| 9 | 3 | 4 | 6 | | 9 | 3 | 6 | 9 | | | |
| 10 | 3 | 9 | 0 | | 10 | 3 | 11 | 6 | | | |
| 11 | 4 | 1 | 6 | | 11 | 4 | 4 | 3 | | | |
| 12 | 4 | 6 | 0 | | 12 | 4 | 9 | 0 | | | |
| 13 | 4 | 10 | 6 | | 13 | 5 | 1 | 9 | | | |
| 14 | 5 | 3 | 0 | | 14 | 5 | 6 | 6 | | | |
| 15 | 5 | 7 | 6 | | 15 | 5 | 11 | 3 | | | |
| 16 | 6 | 0 | 0 | | 16 | 6 | 4 | 0 | | | |
| 17 | 6 | 4 | 6 | | 17 | 6 | 8 | 9 | | | |
| 18 | 6 | 9 | 0 | | 18 | 7 | 1 | 6 | | | |
| 19 | 7 | 1 | 6 | | 19 | 7 | 6 | 3 | | | |
| 20 | 7 | 6 | 0 | | 20 | 7 | 11 | 0 | | | |
| 21 | 7 | 10 | 6 | | 21 | 8 | 3 | 9 | | | |
| 22 | 8 | 3 | 0 | | 22 | 8 | 8 | 6 | | | |
| 23 | 8 | 7 | 6 | | 23 | 9 | 1 | 3 | | | |
| 24 | 9 | 0 | 0 | | 24 | 9 | 6 | 0 | | | |
| Inches long. | | Ft. | | In. | Pa. | Inches long. | | Ft. | | In. | Pa. |
| 1 | 0 | 0 | 4 | 6 | | 1 | 0 | 0 | 4 | 9 | |
| 2 | 0 | 0 | 9 | 0 | | 2 | 0 | 0 | 9 | 6 | |
| 3 | 0 | 1 | 1 | 6 | | 3 | 0 | 1 | 2 | 3 | |
| 4 | 0 | 1 | 6 | 0 | | 4 | 0 | 1 | 7 | 0 | |
| 5 | 0 | 1 | 10 | 6 | | 5 | 0 | 1 | 11 | 9 | |
| 6 | 0 | 2 | 3 | 0 | | 6 | 0 | 2 | 4 | 6 | |
| 7 | 0 | 2 | 7 | 6 | | 7 | 0 | 2 | 9 | 3 | |
| 8 | 0 | 3 | 0 | 0 | | 8 | 0 | 3 | 2 | 0 | |
| 9 | 0 | 3 | 4 | 6 | | 9 | 0 | 3 | 6 | 9 | |
| 10 | 0 | 3 | 9 | 0 | | 10 | 0 | 3 | 11 | 6 | |
| 11 | 0 | 4 | 1 | 6 | | 11 | 0 | 4 | 4 | 3 | |
| Qrs. In. long. | | In. | | Pa. | S. | Qrs. In. long. | | In. | | Pa. | S. |
| 1 | 0 | 1 | 1 | 6 | | 1 | 0 | 1 | 2 | 3 | |
| 2 | 0 | 2 | 3 | 0 | | 2 | 0 | 2 | 4 | 6 | |
| 3 | 0 | 3 | 4 | 6 | | 3 | 0 | 3 | 6 | 9 | |

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| Feet long. | 5 Inch. broad. | | | Feet long. | 5 $\frac{1}{4}$ broad. | | | | |
|----------------|----------------|-----|-----|------------|------------------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. | | |
| 1 | 0 | 5 | 0 | 1 | 0 | 5 | 3 | | |
| 2 | 0 | 10 | 0 | 2 | 0 | 10 | 6 | | |
| 3 | 1 | 3 | 0 | 3 | 1 | 3 | 9 | | |
| 4 | 1 | 8 | 0 | 4 | 1 | 9 | 0 | | |
| 5 | 2 | 1 | 0 | 5 | 2 | 2 | 3 | | |
| 6 | 2 | 6 | 0 | 6 | 2 | 7 | 6 | | |
| 7 | 2 | 11 | 0 | 7 | 3 | 0 | 9 | | |
| 8 | 3 | 4 | 0 | 8 | 3 | 6 | 0 | | |
| 9 | 3 | 9 | 0 | 9 | 3 | 11 | 3 | | |
| 10 | 4 | 2 | 0 | 10 | 4 | 4 | 6 | | |
| 11 | 4 | 7 | 0 | 11 | 4 | 9 | 9 | | |
| 12 | 5 | 0 | 0 | 12 | 5 | 3 | 0 | | |
| 13 | 5 | 5 | 0 | 13 | 5 | 8 | 3 | | |
| 14 | 5 | 10 | 0 | 14 | 6 | 1 | 6 | | |
| 15 | 6 | 3 | 0 | 15 | 6 | 6 | 9 | | |
| 16 | 6 | 8 | 0 | 16 | 7 | 0 | 0 | | |
| 17 | 7 | 1 | 0 | 17 | 7 | 5 | 3 | | |
| 18 | 7 | 6 | 0 | 18 | 7 | 10 | 6 | | |
| 19 | 7 | 11 | 0 | 19 | 8 | 3 | 9 | | |
| 20 | 8 | 4 | 0 | 20 | 8 | 9 | 0 | | |
| 21 | 8 | 9 | 0 | 21 | 9 | 2 | 3 | | |
| 22 | 9 | 2 | 0 | 22 | 9 | 7 | 6 | | |
| 23 | 9 | 7 | 0 | 23 | 10 | 0 | 9 | | |
| 24 | 10 | 0 | 0 | 24 | 10 | 6 | 0 | | |
| Inches long. | | | | | Inches long. | | | | |
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 0 | 5 | 0 | 1 | 0 | 0 | 5 | 3 |
| 2 | 0 | 0 | 10 | 0 | 2 | 0 | 0 | 10 | 6 |
| 3 | 0 | 1 | 3 | 0 | 3 | 0 | 1 | 3 | 9 |
| 4 | 0 | 1 | 8 | 0 | 4 | 0 | 1 | 9 | 0 |
| 5 | 0 | 2 | 1 | 0 | 5 | 0 | 2 | 2 | 3 |
| 6 | 0 | 2 | 6 | 0 | 6 | 0 | 2 | 7 | 6 |
| 7 | 0 | 2 | 11 | 0 | 7 | 0 | 3 | 0 | 9 |
| 8 | 0 | 3 | 4 | 0 | 8 | 0 | 3 | 6 | 0 |
| 9 | 0 | 3 | 9 | 0 | 9 | 0 | 3 | 11 | 3 |
| 10 | 0 | 4 | 2 | 0 | 10 | 0 | 4 | 9 | 6 |
| 11 | 0 | 4 | 7 | 0 | 11 | 0 | 4 | 4 | 9 |
| Qrs. In. long. | | | | | Qrs. In. long. | | | | |
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| $\frac{1}{4}$ | 0 | 1 | 3 | 0 | $\frac{1}{4}$ | 0 | 1 | 3 | 9 |
| $\frac{1}{2}$ | 0 | 2 | 6 | 0 | $\frac{1}{2}$ | 0 | 2 | 7 | 6 |
| $\frac{3}{4}$ | 0 | 3 | 9 | 0 | $\frac{3}{4}$ | 0 | 3 | 11 | 3 |

| 1 : long. | 5 $\frac{1}{2}$ broad. | | | Feet long. | 5 $\frac{3}{4}$ broad. | | |
|--------------|------------------------|-----|-----|------------|------------------------|-----|-----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 0 | 5 | 6 | 1 | 0 | 5 | 9 |
| 2 | 0 | 11 | 0 | 2 | 0 | 11 | 6 |
| 3 | 1 | 4 | 6 | 3 | 1 | 5 | 3 |
| 4 | 1 | 10 | 0 | 4 | 1 | 11 | 0 |
| 5 | 2 | 3 | 6 | 5 | 2 | 4 | 9 |
| 6 | 2 | 9 | 0 | 6 | 2 | 10 | 6 |
| 7 | 3 | 2 | 6 | 7 | 3 | 4 | 3 |
| 8 | 3 | 8 | 0 | 8 | 3 | 10 | 0 |
| 9 | 4 | 1 | 6 | 9 | 4 | 3 | 9 |
| 10 | 4 | 7 | 0 | 10 | 4 | 9 | 6 |
| 11 | 5 | 0 | 6 | 11 | 5 | 3 | 3 |
| 12 | 5 | 6 | 0 | 12 | 5 | 9 | 0 |
| 13 | 5 | 11 | 6 | 13 | 6 | 2 | 9 |
| 14 | 6 | 5 | 0 | 14 | 6 | 8 | 6 |
| 15 | 6 | 10 | 6 | 15 | 7 | 2 | 3 |
| 16 | 7 | 4 | 0 | 16 | 7 | 8 | 0 |
| 17 | 7 | 9 | 6 | 17 | 8 | 1 | 9 |
| 18 | 8 | 3 | 0 | 18 | 8 | 7 | 6 |
| 19 | 8 | 8 | 6 | 19 | 9 | 1 | 3 |
| 20 | 9 | 2 | 0 | 20 | 9 | 7 | 0 |
| 21 | 9 | 7 | 6 | 21 | 10 | 0 | 9 |
| 22 | 10 | 1 | 0 | 22 | 10 | 6 | 6 |
| 23 | 10 | 6 | 6 | 23 | 11 | 2 | 3 |
| 24 | 11 | 0 | 0 | 24 | 11 | 8 | 0 |

| Inches long. | | | | | Inches long. | | | | |
|--------------|-----|-----|-----|----|--------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 0 | 5 | 6 | 1 | 0 | 0 | 5 | 9 |
| 2 | 0 | 0 | 11 | 0 | 2 | 0 | 0 | 11 | 6 |
| 3 | 0 | 1 | 4 | 6 | 3 | 0 | 1 | 5 | 3 |
| 4 | 0 | 1 | 10 | 0 | 4 | 0 | 1 | 11 | 0 |
| 5 | 0 | 2 | 3 | 6 | 5 | 0 | 2 | 4 | 9 |
| 6 | 0 | 2 | 9 | 0 | 6 | 0 | 2 | 10 | 6 |
| 7 | 0 | 3 | 2 | 6 | 7 | 0 | 3 | 4 | 3 |
| 8 | 0 | 3 | 8 | 0 | 8 | 0 | 3 | 10 | 0 |
| 9 | 0 | 4 | 1 | 6 | 9 | 0 | 4 | 3 | 9 |
| 10 | 0 | 4 | 7 | 0 | 10 | 0 | 4 | 9 | 6 |
| 11 | 0 | 5 | 0 | 6 | 11 | 0 | 5 | 3 | 3 |

| Qrs. In. long. | | | | | Qrs. In. long. | | | | |
|----------------|-----|-----|----|----|----------------|-----|-----|----|----|
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| 1 | 0 | 1 | 4 | 6 | 1 | 0 | 1 | 5 | 3 |
| 2 | 0 | 2 | 9 | 0 | 2 | 0 | 2 | 10 | 6 |
| 3 | 0 | 4 | 1 | 6 | 3 | 0 | 4 | 3 | 9 |

| 6 Inch broad. | | | | 6 $\frac{1}{4}$ broad. | | | | | | | |
|----------------|--|-----|-----|------------------------|------------|---------------|-----|-----|-----|-----|----|
| Feet long. | | Ft. | In. | Pa. | Feet long. | | Ft. | In. | Pa. | | |
| 1 | | 0 | 6 | 0 | 1 | | 0 | 6 | 3 | | |
| 2 | | 1 | 0 | 0 | 2 | | 1 | 0 | 6 | | |
| 3 | | 1 | 6 | 0 | 3 | | 1 | 6 | 9 | | |
| 4 | | 2 | 0 | 0 | 4 | | 2 | 1 | 0 | | |
| 5 | | 2 | 6 | 0 | 5 | | 2 | 7 | 3 | | |
| 6 | | 3 | 0 | 0 | 6 | | 3 | 1 | 6 | | |
| 7 | | 3 | 6 | 0 | 7 | | 3 | 7 | 9 | | |
| 8 | | 4 | 0 | 0 | 8 | | 4 | 2 | 0 | | |
| 9 | | 4 | 6 | 0 | 9 | | 4 | 8 | 3 | | |
| 10 | | 5 | 0 | 0 | 10 | | 5 | 2 | 6 | | |
| 11 | | 5 | 6 | 0 | 11 | | 5 | 8 | 9 | | |
| 12 | | 6 | 0 | 0 | 12 | | 6 | 3 | 0 | | |
| 13 | | 6 | 6 | 0 | 13 | | 6 | 9 | 3 | | |
| 14 | | 7 | 0 | 0 | 14 | | 7 | 3 | 6 | | |
| 15 | | 7 | 6 | 0 | 15 | | 7 | 9 | 9 | | |
| 16 | | 8 | 0 | 0 | 16 | | 8 | 4 | 0 | | |
| 17 | | 8 | 6 | 0 | 17 | | 8 | 10 | 3 | | |
| 18 | | 9 | 0 | 0 | 18 | | 9 | 4 | 6 | | |
| 19 | | 9 | 6 | 0 | 19 | | 9 | 10 | 9 | | |
| 20 | | 10 | 0 | 0 | 20 | | 10 | 5 | 0 | | |
| 21 | | 10 | 6 | 0 | 21 | | 10 | 11 | 3 | | |
| 22 | | 11 | 0 | 0 | 22 | | 11 | 5 | 6 | | |
| 23 | | 11 | 6 | 0 | 23 | | 11 | 11 | 9 | | |
| 24 | | 12 | 0 | 0 | 24 | | 12 | 6 | 0 | | |
| Inches long. | | | | Inches long. | | | | | | | |
| | | Ft. | In. | Pa. | S. | | | Ft. | In. | Pa. | S. |
| 1 | | 0 | 0 | 6 | 0 | 1 | | 0 | 0 | 6 | 3 |
| 2 | | 0 | 1 | 0 | 0 | 2 | | 0 | 1 | 0 | 6 |
| 3 | | 0 | 1 | 6 | 0 | 3 | | 0 | 1 | 6 | 9 |
| 4 | | 0 | 2 | 0 | 0 | 4 | | 0 | 2 | 1 | 0 |
| 5 | | 0 | 2 | 6 | 0 | 5 | | 0 | 2 | 7 | 3 |
| 6 | | 0 | 3 | 0 | 0 | 6 | | 0 | 3 | 1 | 6 |
| 7 | | 0 | 3 | 6 | 0 | 7 | | 0 | 3 | 7 | 9 |
| 8 | | 0 | 4 | 0 | 0 | 8 | | 0 | 4 | 2 | 0 |
| 9 | | 0 | 4 | 6 | 0 | 9 | | 0 | 4 | 8 | 3 |
| 10 | | 0 | 5 | 0 | 0 | 10 | | 0 | 5 | 2 | 6 |
| 11 | | 0 | 5 | 6 | 0 | 11 | | 0 | 5 | 8 | 9 |
| Qrs. In. long. | | | | Qrs. In. long. | | | | | | | |
| | | In. | Pa. | S. | T. | | | In. | Pa. | S. | T. |
| $\frac{1}{4}$ | | 0 | 1 | 6 | 0 | $\frac{1}{4}$ | | 0 | 1 | 6 | 9 |
| $\frac{1}{2}$ | | 0 | 3 | 0 | 0 | $\frac{1}{2}$ | | 0 | 3 | 1 | 6 |
| $\frac{3}{4}$ | | 0 | 4 | 6 | 0 | $\frac{3}{4}$ | | 0 | 4 | 8 | 3 |

| 6 $\frac{1}{2}$ broad. | | | | 6 $\frac{3}{4}$ broad. | | | |
|------------------------|-----|-----|-----|------------------------|-----|-----|-----|
| Feet long. | Ft. | In. | Pa. | Feet long. | Ft. | In. | Pa. |
| | | | | | | | |
| 1 | 0 | 6 | 6 | 1 | 0 | 6 | 9 |
| 2 | 1 | 1 | 0 | 2 | 1 | 1 | 6 |
| 3 | 1 | 7 | 6 | 3 | 1 | 8 | 3 |
| 4 | 2 | 2 | 0 | 4 | 2 | 3 | 0 |
| 5 | 2 | 8 | 6 | 5 | 2 | 9 | 9 |
| 6 | 3 | 3 | 0 | 6 | 3 | 4 | 6 |
| 7 | 3 | 9 | 6 | 7 | 3 | 11 | 3 |
| 8 | 4 | 4 | 0 | 8 | 4 | 6 | 0 |
| 9 | 4 | 10 | 6 | 9 | 5 | 0 | 9 |
| 10 | 5 | 5 | 0 | 10 | 5 | 7 | 6 |
| 11 | 5 | 11 | 6 | 11 | 6 | 2 | 3 |
| 12 | 6 | 6 | 0 | 12 | 6 | 9 | 0 |
| 13 | 7 | 0 | 6 | 13 | 7 | 3 | 9 |
| 14 | 7 | 7 | 0 | 14 | 7 | 10 | 6 |
| 15 | 8 | 1 | 6 | 15 | 8 | 5 | 3 |
| 16 | 8 | 8 | 0 | 16 | 9 | 0 | 0 |
| 17 | 9 | 2 | 6 | 17 | 9 | 6 | 9 |
| 18 | 9 | 9 | 0 | 18 | 10 | 1 | 6 |
| 19 | 10 | 3 | 6 | 19 | 10 | 8 | 3 |
| 20 | 10 | 10 | 0 | 20 | 11 | 3 | 0 |
| 21 | 11 | 4 | 6 | 21 | 11 | 9 | 9 |
| 22 | 11 | 11 | 0 | 22 | 12 | 4 | 6 |
| 23 | 12 | 5 | 6 | 23 | 12 | 11 | 3 |
| 24 | 13 | 0 | 0 | 24 | 13 | 6 | 0 |
| Inches long. | Ft. | In. | Pa. | Inches long. | Ft. | In. | Pa. |
| | | | | | | | |
| 1 | 0 | 0 | 6 | 1 | 0 | 0 | 6 |
| 2 | 0 | 1 | 1 | 2 | 0 | 1 | 1 |
| 3 | 0 | 1 | 7 | 3 | 0 | 1 | 8 |
| 4 | 0 | 2 | 2 | 4 | 0 | 2 | 3 |
| 5 | 0 | 2 | 8 | 5 | 0 | 2 | 9 |
| 6 | 0 | 3 | 3 | 6 | 0 | 3 | 4 |
| 7 | 0 | 3 | 9 | 7 | 0 | 3 | 11 |
| 8 | 0 | 4 | 4 | 8 | 0 | 4 | 6 |
| 9 | 0 | 4 | 10 | 9 | 0 | 5 | 0 |
| 10 | 0 | 5 | 5 | 10 | 0 | 5 | 7 |
| 11 | 0 | 5 | 11 | 11 | 0 | 6 | 2 |
| 25. In. long. | In. | Pa. | S. | 25. In. long. | In. | Pa. | S. |
| | | | | | | | |
| 1 | 0 | 1 | 7 | 1 | 0 | 1 | 8 |
| 2 | 0 | 3 | 3 | 2 | 0 | 3 | 4 |
| 3 | 0 | 4 | 10 | 3 | 0 | 5 | 0 |

| Feet long. | 7 Inch. broad. | | | Feet long. | 7 $\frac{1}{4}$ broad. | | | | |
|----------------|----------------|-----|-----|------------|------------------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. | | |
| 1 | 0 | 7 | 0 | 1 | 0 | 7 | 3 | | |
| 2 | 1 | 2 | 0 | 2 | 1 | 2 | 6 | | |
| 3 | 1 | 9 | 0 | 3 | 1 | 9 | 9 | | |
| 4 | 2 | 4 | 0 | 4 | 2 | 5 | 0 | | |
| 5 | 2 | 11 | 0 | 5 | 3 | 0 | 3 | | |
| 6 | 3 | 6 | 0 | 6 | 3 | 7 | 6 | | |
| 7 | 4 | 1 | 0 | 7 | 4 | 2 | 9 | | |
| 8 | 4 | 8 | 0 | 8 | 4 | 10 | 0 | | |
| 9 | 5 | 3 | 0 | 9 | 5 | 5 | 3 | | |
| 10 | 5 | 10 | 0 | 10 | 6 | 0 | 6 | | |
| 11 | 6 | 5 | 0 | 11 | 6 | 7 | 9 | | |
| 12 | 7 | 0 | 0 | 12 | 7 | 3 | 0 | | |
| 13 | 7 | 7 | 0 | 13 | 7 | 10 | 3 | | |
| 14 | 8 | 2 | 0 | 14 | 8 | 5 | 6 | | |
| 15 | 8 | 9 | 0 | 15 | 9 | 0 | 9 | | |
| 16 | 9 | 4 | 0 | 16 | 9 | 8 | 0 | | |
| 17 | 9 | 11 | 0 | 17 | 10 | 3 | 3 | | |
| 18 | 10 | 6 | 0 | 18 | 10 | 10 | 6 | | |
| 19 | 11 | 1 | 0 | 19 | 11 | 5 | 9 | | |
| 20 | 11 | 8 | 0 | 20 | 12 | 1 | 0 | | |
| 21 | 12 | 3 | 0 | 21 | 12 | 8 | 3 | | |
| 22 | 12 | 10 | 0 | 22 | 13 | 3 | 6 | | |
| 23 | 13 | 5 | 0 | 23 | 13 | 10 | 9 | | |
| 24 | 14 | 0 | 0 | 24 | 14 | 6 | 0 | | |
| Inches long. | | | | | Inches long. | | | | |
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 0 | 7 | 0 | 1 | 0 | 0 | 7 | 3 |
| 2 | 0 | 1 | 2 | 0 | 2 | 0 | 1 | 2 | 6 |
| 3 | 0 | 1 | 9 | 0 | 3 | 0 | 1 | 9 | 9 |
| 4 | 0 | 2 | 4 | 0 | 4 | 0 | 2 | 5 | 0 |
| 5 | 0 | 2 | 11 | 0 | 5 | 0 | 3 | 0 | 3 |
| 6 | 0 | 3 | 6 | 0 | 6 | 0 | 3 | 7 | 6 |
| 7 | 0 | 4 | 1 | 0 | 7 | 0 | 4 | 2 | 9 |
| 8 | 0 | 4 | 8 | 0 | 8 | 0 | 4 | 10 | 0 |
| 9 | 0 | 5 | 3 | 0 | 9 | 0 | 5 | 5 | 3 |
| 10 | 0 | 5 | 10 | 0 | 10 | 0 | 6 | 0 | 6 |
| 11 | 0 | 6 | 5 | 0 | 11 | 0 | 6 | 7 | 9 |
| Yrs. In. long. | | | | | Yrs. In. long. | | | | |
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| | 0 | 1 | 9 | 0 | | 0 | 1 | 9 | 9 |
| | 0 | 3 | 6 | 0 | | 0 | 3 | 7 | 6 |
| | 0 | 5 | 3 | 0 | | 0 | 5 | 5 | 3 |

| 7 $\frac{1}{2}$ broad. | | | | 7 $\frac{3}{4}$ broad. | | | |
|------------------------|-----|-----|--------|------------------------|-----|-----|--------|
| Feet long. | | | | Feet long. | | | |
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 0 | 7 | 6 | 1 | 0 | 7 | 9 |
| 2 | 1 | 3 | 0 | 2 | 1 | 3 | 6 |
| 3 | 1 | 10 | 6 | 3 | 1 | 11 | 3 |
| 4 | 2 | 6 | 0 | 4 | 2 | 7 | 0 |
| 5 | 3 | 1 | 6 | 5 | 3 | 2 | 9 |
| 6 | 3 | 9 | 0 | 6 | 3 | 10 | 6 |
| 7 | 4 | 4 | 6 | 7 | 4 | 6 | 3 |
| 8 | 5 | 0 | 0 | 8 | 5 | 2 | 0 |
| 9 | 5 | 7 | 6 | 9 | 5 | 9 | 9 |
| 10 | 6 | 3 | 0 | 10 | 6 | 5 | 6 |
| 11 | 6 | 10 | 6 | 11 | 7 | 1 | 3 |
| 12 | 7 | 6 | 0 | 12 | 7 | 9 | 0 |
| 13 | 8 | 1 | 6 | 13 | 8 | 4 | 9 |
| 14 | 8 | 9 | 0 | 14 | 9 | 0 | 6 |
| 15 | 9 | 4 | 6 | 15 | 9 | 8 | 3 |
| 16 | 10 | 0 | 0 | 16 | 10 | 4 | 0 |
| 17 | 10 | 7 | 6 | 17 | 10 | 11 | 9 |
| 18 | 11 | 3 | 0 | 18 | 11 | 7 | 6 |
| 19 | 11 | 10 | 6 | 19 | 12 | 3 | 3 |
| 20 | 12 | 6 | 0 | 20 | 12 | 11 | 0 |
| 21 | 13 | 1 | 6 | 21 | 13 | 6 | 9 |
| 22 | 13 | 9 | 0 | 22 | 14 | 2 | 6 |
| 23 | 14 | 4 | 6 | 23 | 14 | 10 | 3 |
| 24 | 15 | 0 | 0 | 24 | 15 | 6 | 0 |
| Inches long. | | | | Inches long. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| 1 | 0 | 0 | 7 6 | 1 | 0 | 0 | 7 9 |
| 2 | 0 | 1 | 3 0 | 2 | 0 | 1 | 3 6 |
| 3 | 0 | 1 | 10 6 | 3 | 0 | 1 | 11 3 |
| 4 | 0 | 2 | 6 0 | 4 | 0 | 2 | 7 0 |
| 5 | 0 | 3 | 1 6 | 5 | 0 | 3 | 2 9 |
| 6 | 0 | 3 | 9 0 | 6 | 0 | 3 | 10 6 |
| 7 | 0 | 4 | 4 6 | 7 | 0 | 4 | 6 3 |
| 8 | 0 | 5 | 0 0 | 8 | 0 | 5 | 2 0 |
| 9 | 0 | 5 | 7 6 | 9 | 0 | 5 | 9 9 |
| 10 | 0 | 6 | 3 0 | 10 | 0 | 6 | 5 6 |
| 11 | 0 | 6 | 10 6 | 11 | 0 | 7 | 1 3 |
| Qrs. In. long. | | | | Qrs. In. long. | | | |
| | In. | Pa. | S. T. | | In. | Pa. | S. T. |
| 0 | 1 | 10 | 6 | 0 | 1 | 11 | 3 |
| 0 | 3 | 9 | 0 | 0 | 3 | 10 | 6 |
| 0 | 5 | 7 | 6 | 0 | 5 | 9 | 9 |

| Feet long. | 8 Inch. broad. | | | Feet long. | 8 $\frac{1}{4}$ broad. | | | | |
|----------------|----------------|-----|-----|------------|------------------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. | | |
| 1 | 0 | 8 | 0 | 1 | 0 | 8 | 3 | | |
| 2 | 1 | 4 | 0 | 2 | 1 | 4 | 6 | | |
| 3 | 2 | 0 | 0 | 3 | 2 | 0 | 9 | | |
| 4 | 2 | 8 | 0 | 4 | 2 | 9 | 0 | | |
| 5 | 3 | 4 | 0 | 5 | 3 | 5 | 3 | | |
| 6 | 4 | 0 | 0 | 6 | 4 | 1 | 6 | | |
| 7 | 4 | 8 | 0 | 7 | 4 | 9 | 9 | | |
| 8 | 5 | 4 | 0 | 8 | 5 | 6 | 0 | | |
| 9 | 6 | 0 | 0 | 9 | 6 | 2 | 3 | | |
| 10 | 6 | 8 | 0 | 10 | 6 | 10 | 6 | | |
| 11 | 7 | 4 | 0 | 11 | 7 | 6 | 9 | | |
| 12 | 8 | 0 | 0 | 12 | 8 | 3 | 0 | | |
| 13 | 8 | 8 | 0 | 13 | 8 | 11 | 3 | | |
| 14 | 9 | 4 | 0 | 14 | 9 | 7 | 6 | | |
| 15 | 10 | 0 | 0 | 15 | 10 | 3 | 9 | | |
| 16 | 10 | 8 | 0 | 16 | 11 | 0 | 0 | | |
| 17 | 11 | 4 | 0 | 17 | 11 | 8 | 3 | | |
| 18 | 12 | 0 | 0 | 18 | 12 | 4 | 6 | | |
| 19 | 12 | 8 | 0 | 19 | 13 | 0 | 9 | | |
| 20 | 13 | 4 | 0 | 20 | 13 | 9 | 0 | | |
| 21 | 14 | 0 | 0 | 21 | 14 | 5 | 3 | | |
| 22 | 14 | 8 | 0 | 22 | 15 | 1 | 6 | | |
| 23 | 15 | 4 | 0 | 23 | 15 | 9 | 9 | | |
| 24 | 16 | 0 | 0 | 24 | 16 | 6 | 0 | | |
| Inches long. | | | | | Inches long. | | | | |
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 0 | 8 | 0 | 1 | 0 | 0 | 8 | 3 |
| 2 | 0 | 1 | 4 | 0 | 2 | 0 | 1 | 4 | 6 |
| 3 | 0 | 2 | 0 | 0 | 3 | 0 | 2 | 0 | 9 |
| 4 | 0 | 2 | 8 | 0 | 4 | 0 | 2 | 9 | 0 |
| 5 | 0 | 3 | 4 | 0 | 5 | 0 | 3 | 5 | 3 |
| 6 | 0 | 4 | 0 | 0 | 6 | 0 | 4 | 1 | 6 |
| 7 | 0 | 4 | 8 | 0 | 7 | 0 | 4 | 9 | 9 |
| 8 | 0 | 5 | 4 | 0 | 8 | 0 | 5 | 6 | 0 |
| 9 | 0 | 6 | 0 | 0 | 9 | 0 | 6 | 2 | 3 |
| 10 | 0 | 6 | 8 | 0 | 10 | 0 | 6 | 10 | 6 |
| 11 | 0 | 7 | 4 | 0 | 11 | 0 | 7 | 6 | 9 |
| Qrs. In. long. | | | | | Qrs. In. long. | | | | |
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| $\frac{1}{4}$ | 0 | 2 | 0 | 0 | $\frac{1}{4}$ | 0 | 2 | 0 | 9 |
| $\frac{1}{2}$ | 0 | 4 | 0 | 0 | $\frac{1}{2}$ | 0 | 4 | 1 | 6 |
| $\frac{3}{4}$ | 0 | 6 | 0 | 0 | $\frac{3}{4}$ | 0 | 6 | 2 | 3 |

| |
|--------|
| Pa. |
| 3 |
| 6 |
| 9 |
| 0 |
| 3 |
| 6 |
| 9 |
| 0 |
| 3 |
| 6 |
| 9 |
| 0 |
| 3 |
| 6 |
| 9 |
| 0 |
| 3 |
| 6 |
| 9 |
| 0 |
| 3 |
| 6 |
| 9 |
| 0 |
| Pa. S. |
| 8 |
| 3 |
| 4 |
| 6 |
| 0 |
| 9 |
| 0 |
| 9 |
| 0 |
| 5 |
| 3 |
| 1 |
| 6 |
| 9 |
| 9 |
| 6 |
| 0 |
| 2 |
| 3 |
| 0 |
| 6 |
| 6 |
| 9 |
| S. T. |
| 0 |
| 9 |
| 1 |
| 6 |
| 2 |
| 3 |

| 8 $\frac{1}{2}$ broad. | | | | 8 $\frac{3}{4}$ broad. | | | | | |
|------------------------|-------------|-----|-----|------------------------|-------------|-----|-----|-----|----|
| Feet long. | Ft. In. Pa. | | | Feet long. | Ft. In. Pa. | | | | |
| | | | | | | | | | |
| 1 | 0 | 8 | 6 | 1 | 0 | 8 | 9 | | |
| 2 | 1 | 5 | 0 | 2 | 1 | 5 | 6 | | |
| 3 | 2 | 1 | 6 | 3 | 2 | 2 | 3 | | |
| 4 | 2 | 10 | 0 | 4 | 2 | 11 | 0 | | |
| 5 | 3 | 6 | 6 | 5 | 3 | 7 | 9 | | |
| 6 | 4 | 3 | 0 | 6 | 4 | 4 | 6 | | |
| 7 | 4 | 11 | 6 | 7 | 5 | 1 | 3 | | |
| 8 | 5 | 8 | 0 | 8 | 5 | 10 | 0 | | |
| 9 | 6 | 4 | 6 | 9 | 6 | 6 | 9 | | |
| 10 | 7 | 1 | 0 | 10 | 7 | 3 | 6 | | |
| 11 | 7 | 9 | 6 | 11 | 8 | 0 | 3 | | |
| 12 | 8 | 6 | 0 | 12 | 8 | 9 | 0 | | |
| 13 | 9 | 2 | 6 | 13 | 9 | 5 | 9 | | |
| 14 | 9 | 11 | 0 | 14 | 10 | 2 | 6 | | |
| 15 | 10 | 7 | 6 | 15 | 10 | 11 | 3 | | |
| 16 | 11 | 4 | 0 | 16 | 11 | 8 | 0 | | |
| 17 | 12 | 0 | 6 | 17 | 12 | 4 | 9 | | |
| 18 | 12 | 9 | 0 | 18 | 13 | 1 | 6 | | |
| 19 | 13 | 5 | 6 | 19 | 13 | 10 | 3 | | |
| 20 | 14 | 2 | 0 | 20 | 14 | 7 | 0 | | |
| 21 | 14 | 10 | 6 | 21 | 15 | 3 | 9 | | |
| 22 | 15 | 7 | 0 | 22 | 16 | 0 | 6 | | |
| 23 | 16 | 3 | 6 | 23 | 16 | 9 | 3 | | |
| 24 | 17 | 0 | 0 | 24 | 17 | 6 | 0 | | |
| Inches long. | | | | Inches long. | | | | | |
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 0 | 8 | 6 | 1 | 0 | 0 | 8 | 9 |
| 2 | 0 | 1 | 5 | 0 | 2 | 0 | 1 | 5 | 6 |
| 3 | 0 | 2 | 1 | 6 | 3 | 0 | 2 | 2 | 3 |
| 4 | 0 | 2 | 10 | 0 | 4 | 0 | 2 | 11 | 0 |
| 5 | 0 | 3 | 6 | 6 | 5 | 0 | 3 | 7 | 9 |
| 6 | 0 | 4 | 3 | 0 | 6 | 0 | 4 | 4 | 6 |
| 7 | 0 | 4 | 11 | 6 | 7 | 0 | 5 | 1 | 3 |
| 8 | 0 | 5 | 8 | 0 | 8 | 0 | 5 | 10 | 0 |
| 9 | 0 | 6 | 4 | 6 | 9 | 0 | 6 | 6 | 9 |
| 10 | 0 | 7 | 1 | 0 | 10 | 0 | 7 | 3 | 6 |
| 11 | 0 | 7 | 9 | 6 | 11 | 0 | 8 | 0 | 3 |
| Qrs. In. long. | | | | Qrs. In. long. | | | | | |
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| | 0 | 2 | 1 | 6 | | 0 | 2 | 2 | 3 |
| | 0 | 4 | 3 | 0 | | 0 | 4 | 4 | 6 |
| | 0 | 6 | 4 | 6 | | 0 | 6 | 6 | 9 |

| Feet long. | 9 Inch. broad. | | | Feet long. | 9 $\frac{1}{4}$ broad. | | |
|------------|----------------|-----|-----|------------|------------------------|-----|-----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 0 | 9 | 0 | 1 | 0 | 9 | 3 |
| 2 | 1 | 6 | 0 | 2 | 1 | 6 | 6 |
| 3 | 2 | 3 | 0 | 3 | 2 | 3 | 9 |
| 4 | 3 | 0 | 0 | 4 | 3 | 1 | 0 |
| 5 | 3 | 9 | 0 | 5 | 3 | 10 | 3 |
| 6 | 4 | 6 | 0 | 6 | 4 | 7 | 6 |
| 7 | 5 | 3 | 0 | 7 | 5 | 4 | 9 |
| 8 | 6 | 0 | 0 | 8 | 6 | 2 | 0 |
| 9 | 6 | 9 | 0 | 9 | 6 | 11 | 3 |
| 10 | 7 | 6 | 0 | 10 | 7 | 8 | 6 |
| 11 | 8 | 3 | 0 | 11 | 8 | 5 | 9 |
| 12 | 9 | 0 | 0 | 12 | 9 | 3 | 0 |
| 13 | 9 | 9 | 0 | 13 | 10 | 0 | 3 |
| 14 | 10 | 6 | 0 | 14 | 10 | 9 | 6 |
| 15 | 11 | 3 | 0 | 15 | 11 | 6 | 9 |
| 16 | 12 | 0 | 0 | 16 | 12 | 4 | 0 |
| 17 | 12 | 9 | 0 | 17 | 13 | 1 | 3 |
| 18 | 13 | 6 | 0 | 18 | 13 | 10 | 6 |
| 19 | 14 | 3 | 0 | 19 | 14 | 7 | 9 |
| 20 | 15 | 0 | 0 | 20 | 15 | 5 | 0 |
| 21 | 15 | 9 | 0 | 21 | 16 | 2 | 3 |
| 22 | 16 | 6 | 0 | 22 | 16 | 11 | 6 |
| 23 | 17 | 3 | 0 | 23 | 17 | 8 | 9 |
| 24 | 18 | 0 | 0 | 24 | 18 | 6 | 0 |

| Inches long. | Ft. In. Pa. S. | | | | Inches long. | Ft. In. Pa. S. | | | |
|--------------|----------------|-----|-----|----|--------------|----------------|-----|-----|----|
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 0 | 9 | 0 | 1 | 0 | 0 | 9 | 3 |
| 2 | 0 | 1 | 6 | 0 | 2 | 0 | 1 | 6 | 6 |
| 3 | 0 | 2 | 3 | 0 | 3 | 0 | 2 | 3 | 9 |
| 4 | 0 | 3 | 0 | 0 | 4 | 0 | 3 | 1 | 0 |
| 5 | 0 | 3 | 9 | 0 | 5 | 0 | 3 | 10 | 3 |
| 6 | 0 | 4 | 6 | 0 | 6 | 0 | 4 | 7 | 6 |
| 7 | 0 | 5 | 3 | 0 | 7 | 0 | 5 | 4 | 9 |
| 8 | 0 | 6 | 0 | 0 | 8 | 0 | 6 | 2 | 0 |
| 9 | 0 | 6 | 9 | 0 | 9 | 0 | 6 | 11 | 3 |
| 10 | 0 | 7 | 6 | 0 | 10 | 0 | 7 | 8 | 6 |
| 11 | 0 | 8 | 3 | 0 | 11 | 0 | 8 | 5 | 9 |

| Prs. In. long. | In. Pa. S. T. | | | | Prs. In. long. | In. Pa. S. T. | | | |
|----------------|---------------|-----|----|----|----------------|---------------|-----|----|----|
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| $\frac{1}{4}$ | 0 | 2 | 3 | 0 | $\frac{1}{4}$ | 0 | 2 | 3 | 9 |
| $\frac{1}{2}$ | 0 | 4 | 6 | 0 | $\frac{1}{2}$ | 0 | 4 | 7 | 6 |
| $\frac{3}{4}$ | 0 | 6 | 9 | 0 | $\frac{3}{4}$ | 0 | 6 | 11 | 3 |

| 9 $\frac{1}{2}$ broad. | | | | 9 $\frac{3}{4}$ broad. | | | |
|------------------------|-----|-----|--------|------------------------|-----|-----|--------|
| Feet long. | Ft. | In. | Pa. | Feet long. | Ft. | In. | Pa. |
| | | | | | | | |
| 1 | 0 | 9 | 6 | 1 | 0 | 9 | 9 |
| 2 | 1 | 7 | 0 | 2 | 1 | 7 | 6 |
| 3 | 2 | 4 | 6 | 3 | 2 | 5 | 3 |
| 4 | 3 | 2 | 0 | 4 | 3 | 3 | 0 |
| 5 | 3 | 11 | 6 | 5 | 4 | 0 | 9 |
| 6 | 4 | 9 | 0 | 6 | 4 | 10 | 6 |
| 7 | 5 | 6 | 6 | 7 | 5 | 8 | 3 |
| 8 | 6 | 4 | 0 | 8 | 6 | 6 | 0 |
| 9 | 7 | 1 | 6 | 9 | 7 | 3 | 9 |
| 10 | 7 | 11 | 0 | 10 | 8 | 1 | 6 |
| 11 | 8 | 8 | 6 | 11 | 8 | 11 | 3 |
| 12 | 9 | 6 | 0 | 12 | 9 | 9 | 0 |
| 13 | 10 | 3 | 6 | 13 | 10 | 6 | 9 |
| 14 | 11 | 1 | 0 | 14 | 11 | 4 | 6 |
| 15 | 11 | 10 | 6 | 15 | 12 | 2 | 3 |
| 16 | 12 | 8 | 0 | 16 | 13 | 0 | 0 |
| 17 | 13 | 5 | 6 | 17 | 13 | 9 | 9 |
| 18 | 14 | 3 | 0 | 18 | 14 | 7 | 6 |
| 19 | 15 | 0 | 6 | 19 | 15 | 5 | 3 |
| 20 | 15 | 10 | 0 | 20 | 16 | 3 | 0 |
| 21 | 16 | 7 | 6 | 21 | 17 | 0 | 9 |
| 22 | 17 | 5 | 0 | 22 | 17 | 10 | 6 |
| 23 | 18 | 2 | 6 | 23 | 18 | 8 | 3 |
| 24 | 19 | 0 | 0 | 24 | 19 | 6 | 0 |
| Inches long. | Ft. | In. | Pa. S. | Inches long. | Ft. | In. | Pa. S. |
| | | | | | | | |
| 1 | 0 | 0 | 9 6 | 1 | 0 | 0 | 9 9 |
| 2 | 0 | 1 | 7 0 | 2 | 0 | 1 | 7 6 |
| 3 | 0 | 2 | 4 6 | 3 | 0 | 2 | 5 3 |
| 4 | 0 | 3 | 2 0 | 4 | 0 | 3 | 3 0 |
| 5 | 0 | 3 | 11 6 | 5 | 0 | 4 | 0 9 |
| 6 | 0 | 4 | 9 0 | 6 | 0 | 4 | 10 6 |
| 7 | 0 | 5 | 6 6 | 7 | 0 | 5 | 8 3 |
| 8 | 0 | 6 | 4 0 | 8 | 0 | 6 | 6 0 |
| 9 | 0 | 7 | 1 6 | 9 | 0 | 7 | 3 9 |
| 10 | 0 | 7 | 11 0 | 10 | 0 | 8 | 1 6 |
| 11 | 0 | 8 | 8 6 | 11 | 0 | 8 | 11 3 |
| P's. In. long. | In. | Pa. | S. T. | P's. In. long. | In. | Pa. | S. T. |
| | | | | | | | |
| $\frac{1}{4}$ | 0 | 2 | 4 6 | $\frac{1}{4}$ | 0 | 2 | 5 3 |
| $\frac{1}{2}$ | 0 | 4 | 9 0 | $\frac{1}{2}$ | 0 | 4 | 10 6 |
| $\frac{3}{4}$ | 0 | 7 | 1 6 | $\frac{3}{4}$ | 0 | 7 | 3 9 |

| Feet long. | 10 In. broad. | | | Feet long. | 10 $\frac{1}{4}$ broad. | | |
|------------|---------------|-----|-----|------------|-------------------------|-----|-----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 0 | 10 | 0 | 1 | 0 | 10 | 3 |
| 2 | 1 | 8 | 0 | 2 | 1 | 8 | 6 |
| 3 | 2 | 6 | 0 | 3 | 2 | 6 | 9 |
| 4 | 3 | 4 | 0 | 4 | 3 | 5 | 0 |
| 5 | 4 | 2 | 0 | 5 | 4 | 3 | 3 |
| 6 | 5 | 0 | 0 | 6 | 5 | 1 | 6 |
| 7 | 5 | 10 | 0 | 7 | 5 | 11 | 9 |
| 8 | 6 | 8 | 0 | 8 | 6 | 10 | 0 |
| 9 | 7 | 6 | 0 | 9 | 7 | 8 | 3 |
| 10 | 8 | 4 | 0 | 10 | 8 | 6 | 6 |
| 11 | 9 | 2 | 0 | 11 | 9 | 4 | 9 |
| 12 | 10 | 0 | 0 | 12 | 10 | 3 | 0 |
| 13 | 10 | 10 | 0 | 13 | 11 | 1 | 3 |
| 14 | 11 | 8 | 0 | 14 | 11 | 11 | 6 |
| 15 | 12 | 6 | 0 | 15 | 12 | 9 | 9 |
| 16 | 13 | 4 | 0 | 16 | 13 | 8 | 0 |
| 17 | 14 | 2 | 0 | 17 | 14 | 6 | 3 |
| 18 | 15 | 0 | 0 | 18 | 15 | 4 | 6 |
| 19 | 15 | 10 | 0 | 19 | 16 | 2 | 9 |
| 20 | 16 | 8 | 0 | 20 | 17 | 1 | 0 |
| 21 | 17 | 6 | 0 | 21 | 17 | 11 | 3 |
| 22 | 18 | 4 | 0 | 22 | 18 | 9 | 6 |
| 23 | 19 | 2 | 0 | 23 | 19 | 7 | 9 |
| 24 | 20 | 0 | 0 | 24 | 20 | 6 | 0 |

| Inches long. | | | | | Inches long. | | | | |
|--------------|-----|-----|-----|----|--------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 0 | 10 | 0 | 1 | 0 | 0 | 10 | 3 |
| 2 | 0 | 1 | 8 | 0 | 2 | 0 | 1 | 8 | 6 |
| 3 | 0 | 2 | 6 | 0 | 3 | 0 | 2 | 6 | 9 |
| 4 | 0 | 3 | 4 | 0 | 4 | 0 | 3 | 5 | 0 |
| 5 | 0 | 4 | 2 | 0 | 5 | 0 | 4 | 3 | 3 |
| 6 | 0 | 5 | 0 | 0 | 6 | 0 | 5 | 1 | 6 |
| 7 | 0 | 5 | 10 | 0 | 7 | 0 | 5 | 11 | 9 |
| 8 | 0 | 6 | 8 | 0 | 8 | 0 | 6 | 10 | 0 |
| 9 | 0 | 7 | 6 | 0 | 9 | 0 | 7 | 8 | 3 |
| 10 | 0 | 8 | 4 | 0 | 10 | 0 | 8 | 6 | 6 |
| 11 | 0 | 9 | 2 | 0 | 11 | 0 | 9 | 4 | 9 |

| Qrs. In. long. | | | | | Qrs. In. long. | | | | |
|----------------|-----|-----|----|----|----------------|-----|-----|----|----|
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| $\frac{1}{4}$ | 0 | 2 | 6 | 0 | $\frac{1}{4}$ | 0 | 2 | 6 | 9 |
| $\frac{1}{2}$ | 0 | 5 | 0 | 0 | $\frac{1}{2}$ | 0 | 5 | 1 | 6 |
| $\frac{3}{4}$ | 0 | 7 | 6 | 0 | $\frac{3}{4}$ | 0 | 7 | 8 | 3 |

| Feet long. | 10 $\frac{1}{2}$ broad. | | | Feet long. | 10 $\frac{3}{4}$ broad. | | |
|------------|-------------------------|-----|-----|------------|-------------------------|-----|-----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 0 | 10 | 6 | 1 | 0 | 10 | 9 |
| 2 | 1 | 9 | 0 | 2 | 1 | 9 | 6 |
| 3 | 2 | 7 | 6 | 3 | 2 | 8 | 3 |
| 4 | 3 | 6 | 0 | 4 | 3 | 7 | 0 |
| 5 | 4 | 4 | 6 | 5 | 4 | 5 | 9 |
| 6 | 5 | 3 | 0 | 6 | 5 | 4 | 6 |
| 7 | 6 | 1 | 6 | 7 | 6 | 3 | 3 |
| 8 | 7 | 0 | 0 | 8 | 7 | 2 | 0 |
| 9 | 7 | 10 | 6 | 9 | 8 | 0 | 9 |
| 10 | 8 | 9 | 0 | 10 | 8 | 11 | 6 |
| 11 | 9 | 7 | 6 | 11 | 9 | 10 | 3 |
| 12 | 10 | 6 | 0 | 12 | 10 | 9 | 0 |
| 13 | 11 | 4 | 6 | 13 | 11 | 7 | 9 |
| 14 | 12 | 3 | 0 | 14 | 12 | 6 | 6 |
| 15 | 13 | 1 | 6 | 15 | 13 | 5 | 3 |
| 16 | 14 | 0 | 0 | 16 | 14 | 4 | 0 |
| 17 | 14 | 10 | 6 | 17 | 15 | 2 | 9 |
| 18 | 15 | 9 | 0 | 18 | 16 | 1 | 6 |
| 19 | 16 | 7 | 6 | 19 | 17 | 0 | 3 |
| 20 | 17 | 6 | 0 | 20 | 17 | 11 | 0 |
| 21 | 18 | 4 | 6 | 21 | 18 | 9 | 9 |
| 22 | 19 | 3 | 0 | 22 | 19 | 8 | 6 |
| 23 | 20 | 1 | 6 | 23 | 20 | 7 | 3 |
| 24 | 21 | 0 | 0 | 24 | 21 | 6 | 0 |

| Inches long. | | | | | Inches long. | | | | |
|--------------|-----|-----|-----|----|--------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 0 | 10 | 6 | 1 | 0 | 0 | 10 | 9 |
| 2 | 0 | 1 | 9 | 0 | 2 | 0 | 1 | 9 | 6 |
| 3 | 0 | 2 | 7 | 6 | 3 | 0 | 2 | 8 | 3 |
| 4 | 0 | 3 | 6 | 0 | 4 | 0 | 3 | 7 | 0 |
| 5 | 0 | 4 | 4 | 6 | 5 | 0 | 4 | 5 | 9 |
| 6 | 0 | 5 | 3 | 0 | 6 | 0 | 5 | 4 | 6 |
| 7 | 0 | 6 | 1 | 6 | 7 | 0 | 6 | 3 | 3 |
| 8 | 0 | 7 | 0 | 0 | 8 | 0 | 7 | 2 | 0 |
| 9 | 0 | 7 | 10 | 6 | 9 | 0 | 8 | 0 | 9 |
| 10 | 0 | 8 | 9 | 0 | 10 | 0 | 8 | 11 | 6 |
| 11 | 0 | 9 | 7 | 6 | 11 | 0 | 9 | 10 | 3 |

| 25. In. long. | | | | | 25. In. long. | | | | |
|---------------|-----|-----|----|----|---------------|-----|-----|----|----|
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| $\frac{1}{4}$ | 0 | 2 | 7 | 6 | $\frac{1}{4}$ | 0 | 2 | 8 | 3 |
| $\frac{1}{2}$ | 0 | 5 | 3 | 0 | $\frac{1}{2}$ | 0 | 5 | 4 | 6 |
| $\frac{3}{4}$ | 0 | 7 | 10 | 6 | $\frac{3}{4}$ | 0 | 8 | 0 | 9 |

| Feet long. | 11 In. broad. | | | Feet long. | 11 $\frac{3}{4}$ broad. | | |
|------------|---------------|-----|-----|------------|-------------------------|-----|-----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 0 | 11 | 0 | 1 | 0 | 11 | 3 |
| 2 | 1 | 10 | 0 | 2 | 1 | 10 | 6 |
| 3 | 2 | 9 | 0 | 3 | 2 | 9 | 9 |
| 4 | 3 | 8 | 0 | 4 | 3 | 9 | 0 |
| 5 | 4 | 7 | 0 | 5 | 4 | 8 | 3 |
| 6 | 5 | 6 | 0 | 6 | 5 | 7 | 6 |
| 7 | 6 | 5 | 0 | 7 | 6 | 6 | 9 |
| 8 | 7 | 4 | 0 | 8 | 7 | 6 | 0 |
| 9 | 8 | 3 | 0 | 9 | 8 | 5 | 3 |
| 10 | 9 | 2 | 0 | 10 | 9 | 4 | 6 |
| 11 | 10 | 1 | 0 | 11 | 10 | 3 | 9 |
| 12 | 11 | 0 | 0 | 12 | 11 | 3 | 0 |
| 13 | 11 | 11 | 0 | 13 | 12 | 2 | 3 |
| 14 | 12 | 10 | 0 | 14 | 13 | 1 | 6 |
| 15 | 13 | 9 | 0 | 15 | 14 | 0 | 9 |
| 16 | 14 | 8 | 0 | 16 | 15 | 0 | 0 |
| 17 | 15 | 7 | 0 | 17 | 15 | 11 | 3 |
| 18 | 16 | 6 | 0 | 18 | 16 | 10 | 6 |
| 19 | 17 | 5 | 0 | 19 | 17 | 9 | 9 |
| 20 | 18 | 4 | 0 | 20 | 18 | 9 | 0 |
| 21 | 19 | 3 | 0 | 21 | 19 | 8 | 3 |
| 22 | 20 | 2 | 0 | 22 | 20 | 7 | 6 |
| 23 | 21 | 1 | 0 | 23 | 21 | 6 | 9 |
| 24 | 22 | 0 | 0 | 24 | 22 | 6 | 0 |

| Inches long. | | | | | Inches long. | | | | |
|--------------|-----|-----|-----|----|--------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 0 | 11 | 0 | 1 | 0 | 0 | 11 | 3 |
| 2 | 0 | 1 | 10 | 0 | 2 | 0 | 1 | 10 | 6 |
| 3 | 0 | 2 | 9 | 0 | 3 | 0 | 2 | 9 | 9 |
| 4 | 0 | 3 | 8 | 0 | 4 | 0 | 3 | 9 | 0 |
| 5 | 0 | 4 | 7 | 0 | 5 | 0 | 4 | 8 | 3 |
| 6 | 0 | 5 | 6 | 0 | 6 | 0 | 5 | 7 | 6 |
| 7 | 0 | 6 | 5 | 0 | 7 | 0 | 6 | 6 | 9 |
| 8 | 0 | 7 | 4 | 0 | 8 | 0 | 7 | 6 | 0 |
| 9 | 0 | 8 | 3 | 0 | 9 | 0 | 8 | 5 | 3 |
| 10 | 0 | 9 | 2 | 0 | 10 | 0 | 9 | 4 | 6 |
| 11 | 0 | 10 | 1 | 0 | 11 | 0 | 10 | 3 | 9 |

| Qrs. In. long. $\frac{1}{4}$ to $\frac{3}{4}$ | | | | | Qrs. In. long. $\frac{1}{4}$ to $\frac{3}{4}$ | | | | |
|---|-----|-----|----|----|---|-----|-----|----|----|
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| | 0 | 2 | 9 | 0 | | 0 | 2 | 9 | 9 |
| | 0 | 5 | 6 | 0 | | 0 | 5 | 7 | 6 |
| | 0 | 8 | 3 | 0 | | 0 | 8 | 5 | 3 |

Feet long.

1
2
3
4
5
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7
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10
11
12
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15
16
17
18
19
20
21
22
23
24

Inches long.

1
2
3
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9
10
11Qrs. In. long. $\frac{1}{4}$ to $\frac{3}{4}$

| Feet long. | 11 $\frac{1}{2}$ broad. | | | Feet long. | 11 $\frac{1}{4}$ broad. | | | | |
|---|-------------------------|-----|-----|------------|---|-----|-----|-----|----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. | | |
| 1 | 0 | 11 | 6 | 1 | 0 | 11 | 9 | | |
| 2 | 1 | 11 | 0 | 2 | 1 | 11 | 6 | | |
| 3 | 2 | 10 | 6 | 3 | 2 | 11 | 3 | | |
| 4 | 3 | 10 | 0 | 4 | 3 | 11 | 0 | | |
| 5 | 4 | 9 | 6 | 5 | 4 | 10 | 9 | | |
| 6 | 5 | 9 | 0 | 6 | 5 | 10 | 6 | | |
| 7 | 6 | 8 | 6 | 7 | 6 | 10 | 3 | | |
| 8 | 7 | 8 | 0 | 8 | 7 | 10 | 0 | | |
| 9 | 8 | 7 | 6 | 9 | 8 | 9 | 9 | | |
| 10 | 9 | 7 | 0 | 10 | 9 | 9 | 6 | | |
| 11 | 10 | 6 | 6 | 11 | 10 | 9 | 3 | | |
| 12 | 11 | 6 | 0 | 12 | 11 | 9 | 0 | | |
| 13 | 12 | 5 | 6 | 13 | 12 | 8 | 9 | | |
| 14 | 13 | 5 | 0 | 14 | 13 | 8 | 6 | | |
| 15 | 14 | 4 | 6 | 15 | 14 | 8 | 3 | | |
| 16 | 15 | 4 | 0 | 16 | 15 | 8 | 0 | | |
| 17 | 16 | 3 | 6 | 17 | 16 | 7 | 9 | | |
| 18 | 17 | 3 | 0 | 18 | 17 | 7 | 6 | | |
| 19 | 18 | 2 | 6 | 19 | 18 | 7 | 3 | | |
| 20 | 19 | 2 | 0 | 20 | 19 | 7 | 0 | | |
| 21 | 20 | 1 | 6 | 21 | 20 | 6 | 9 | | |
| 22 | 21 | 1 | 0 | 22 | 21 | 6 | 6 | | |
| 23 | 22 | 0 | 6 | 23 | 22 | 6 | 3 | | |
| 24 | 23 | 0 | 0 | 24 | 23 | 6 | 0 | | |
| Inches long. | | | | | Inches long. | | | | |
| | Ft. | In. | Pa. | S. | | Fr. | In. | Pa. | S. |
| 1 | 0 | 0 | 11 | 6 | 1 | 0 | 0 | 11 | 9 |
| 2 | 0 | 1 | 11 | 0 | 2 | 0 | 1 | 11 | 6 |
| 3 | 0 | 2 | 10 | 6 | 3 | 0 | 2 | 11 | 3 |
| 4 | 0 | 3 | 10 | 0 | 4 | 0 | 3 | 11 | 0 |
| 5 | 0 | 4 | 9 | 6 | 5 | 0 | 4 | 10 | 9 |
| 6 | 0 | 5 | 9 | 0 | 6 | 0 | 5 | 10 | 6 |
| 7 | 0 | 6 | 8 | 6 | 7 | 0 | 6 | 10 | 3 |
| 8 | 0 | 7 | 8 | 0 | 8 | 0 | 7 | 10 | 0 |
| 9 | 0 | 8 | 7 | 6 | 9 | 0 | 8 | 9 | 9 |
| 10 | 0 | 9 | 7 | 0 | 10 | 0 | 9 | 9 | 6 |
| 11 | 0 | 10 | 6 | 6 | 11 | 0 | 10 | 9 | 3 |
| Qrs. In. long. <small>$\frac{1}{4}$ $\frac{1}{2}$ $\frac{3}{4}$</small> | | | | | Qrs. In. long. <small>$\frac{1}{4}$ $\frac{1}{2}$ $\frac{3}{4}$</small> | | | | |
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| | 0 | 2 | 10 | 6 | | 0 | 2 | 11 | 3 |
| | 0 | 5 | 9 | 0 | | 0 | 5 | 10 | 6 |
| | 0 | 8 | 7 | 6 | | 0 | 8 | 9 | 9 |

| Feet long. | 12 In. broad. | | | Feet long. | 12 $\frac{1}{4}$ broad. | | |
|------------|---------------|-----|-----|------------|-------------------------|-----|-----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 1 | 0 | 0 | 1 | 1 | 0 | 3 |
| 2 | 2 | 0 | 0 | 2 | 2 | 0 | 6 |
| 3 | 3 | 0 | 0 | 3 | 3 | 0 | 9 |
| 4 | 4 | 0 | 0 | 4 | 4 | 1 | 0 |
| 5 | 5 | 0 | 0 | 5 | 5 | 1 | 3 |
| 6 | 6 | 0 | 0 | 6 | 6 | 1 | 6 |
| 7 | 7 | 0 | 0 | 7 | 7 | 1 | 9 |
| 8 | 8 | 0 | 0 | 8 | 8 | 2 | 0 |
| 9 | 9 | 0 | 0 | 9 | 9 | 2 | 3 |
| 10 | 10 | 0 | 0 | 10 | 10 | 2 | 6 |
| 11 | 11 | 0 | 0 | 11 | 11 | 2 | 9 |
| 12 | 12 | 0 | 0 | 12 | 12 | 3 | 0 |
| 13 | 13 | 0 | 0 | 13 | 13 | 3 | 3 |
| 14 | 14 | 0 | 0 | 14 | 14 | 3 | 6 |
| 15 | 15 | 0 | 0 | 15 | 15 | 3 | 9 |
| 16 | 16 | 0 | 0 | 16 | 16 | 4 | 0 |
| 17 | 17 | 0 | 0 | 17 | 17 | 4 | 3 |
| 18 | 18 | 0 | 0 | 18 | 18 | 4 | 6 |
| 19 | 19 | 0 | 0 | 19 | 19 | 4 | 9 |
| 20 | 20 | 0 | 0 | 20 | 20 | 5 | 0 |
| 21 | 21 | 0 | 0 | 21 | 21 | 5 | 3 |
| 22 | 22 | 0 | 0 | 22 | 22 | 5 | 6 |
| 23 | 23 | 0 | 0 | 23 | 23 | 5 | 9 |
| 24 | 24 | 0 | 0 | 24 | 24 | 6 | 0 |

| Inches long. | | | | | Inches long. | | | | |
|--------------|-----|-----|-----|----|--------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 3 |
| 2 | 0 | 2 | 0 | 0 | 2 | 0 | 2 | 0 | 6 |
| 3 | 0 | 3 | 0 | 0 | 3 | 0 | 3 | 0 | 9 |
| 4 | 0 | 4 | 0 | 0 | 4 | 0 | 4 | 1 | 0 |
| 5 | 0 | 5 | 0 | 0 | 5 | 0 | 5 | 1 | 3 |
| 6 | 0 | 6 | 0 | 0 | 6 | 0 | 6 | 1 | 6 |
| 7 | 0 | 7 | 0 | 0 | 7 | 0 | 7 | 1 | 9 |
| 8 | 0 | 8 | 0 | 0 | 8 | 0 | 8 | 2 | 0 |
| 9 | 0 | 9 | 0 | 0 | 9 | 0 | 9 | 2 | 3 |
| 10 | 0 | 10 | 0 | 0 | 10 | 0 | 10 | 2 | 6 |
| 11 | 0 | 11 | 0 | 0 | 11 | 0 | 11 | 2 | 9 |

| Qrs. In. long. | | | | | Qrs. In. long. | | | | |
|----------------|-----|-----|----|----|----------------|-----|-----|----|----|
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| $\frac{1}{4}$ | 0 | 3 | 0 | 0 | $\frac{1}{4}$ | 0 | 3 | 0 | 9 |
| $\frac{1}{2}$ | 0 | 6 | 0 | 0 | $\frac{1}{2}$ | 0 | 6 | 1 | 6 |
| $\frac{3}{4}$ | 0 | 9 | 0 | 0 | $\frac{3}{4}$ | 0 | 9 | 2 | 3 |

| Feet long. | 12 $\frac{1}{2}$ broad. | | | Feet long. | 12 $\frac{3}{4}$ broad. | | |
|------------|-------------------------|-----|-----|------------|-------------------------|-----|-----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 1 | 0 | 6 | 1 | 1 | 0 | 9 |
| 2 | 2 | 1 | 0 | 2 | 2 | 1 | 6 |
| 3 | 3 | 1 | 6 | 3 | 3 | 2 | 3 |
| 4 | 4 | 2 | 0 | 4 | 4 | 3 | 0 |
| 5 | 5 | 2 | 6 | 5 | 5 | 3 | 9 |
| 6 | 6 | 3 | 0 | 6 | 6 | 4 | 6 |
| 7 | 7 | 3 | 6 | 7 | 7 | 5 | 3 |
| 8 | 8 | 4 | 0 | 8 | 8 | 6 | 0 |
| 9 | 9 | 4 | 6 | 9 | 9 | 6 | 9 |
| 10 | 10 | 5 | 0 | 10 | 10 | 7 | 6 |
| 11 | 11 | 5 | 6 | 11 | 11 | 8 | 3 |
| 12 | 12 | 6 | 0 | 12 | 12 | 9 | 0 |
| 13 | 13 | 6 | 6 | 13 | 13 | 9 | 9 |
| 14 | 14 | 7 | 0 | 14 | 14 | 10 | 6 |
| 15 | 15 | 7 | 6 | 15 | 15 | 11 | 3 |
| 16 | 16 | 8 | 0 | 16 | 17 | 0 | 0 |
| 17 | 17 | 8 | 6 | 17 | 18 | 0 | 9 |
| 18 | 18 | 9 | 0 | 18 | 19 | 1 | 6 |
| 19 | 19 | 9 | 6 | 19 | 20 | 2 | 3 |
| 20 | 20 | 10 | 0 | 20 | 21 | 3 | 0 |
| 21 | 21 | 10 | 6 | 21 | 22 | 3 | 9 |
| 22 | 22 | 11 | 0 | 22 | 23 | 4 | 6 |
| 23 | 23 | 11 | 6 | 23 | 24 | 5 | 3 |
| 24 | 25 | 0 | 0 | 24 | 25 | 6 | 0 |

| Inches long. | | | | | Inches long. | | | | |
|--------------|-----|-----|-----|----|--------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 1 | 0 | 6 | 1 | 0 | 1 | 0 | 9 |
| 2 | 0 | 2 | 1 | 0 | 2 | 0 | 2 | 1 | 6 |
| 3 | 0 | 3 | 1 | 6 | 3 | 0 | 3 | 2 | 3 |
| 4 | 0 | 4 | 2 | 0 | 4 | 0 | 4 | 3 | 0 |
| 5 | 0 | 5 | 2 | 6 | 5 | 0 | 5 | 3 | 9 |
| 6 | 0 | 6 | 3 | 0 | 6 | 0 | 6 | 4 | 6 |
| 7 | 0 | 7 | 3 | 6 | 7 | 0 | 7 | 5 | 3 |
| 8 | 0 | 8 | 4 | 0 | 8 | 0 | 8 | 6 | 0 |
| 9 | 0 | 9 | 4 | 6 | 9 | 0 | 9 | 6 | 9 |
| 10 | 0 | 10 | 5 | 0 | 10 | 0 | 10 | 7 | 6 |
| 11 | 0 | 11 | 5 | 6 | 11 | 0 | 11 | 8 | 3 |

| Qrs. In. long. | | | | | Qrs. In. long. | | | | |
|----------------|-----|-----|----|----|----------------|-----|-----|----|----|
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| | 0 | 3 | 1 | 6 | | 0 | 3 | 2 | 3 |
| | 0 | 6 | 3 | 0 | | 0 | 6 | 4 | 6 |
| | 0 | 9 | 4 | 6 | | 0 | 9 | 6 | 9 |

| Feet long. | 13 In. broad. | | | Feet long. | 13 $\frac{1}{4}$ broad. | | | | |
|----------------|---------------|-----|-----|------------|-------------------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. | | |
| 1 | 1 | 1 | 0 | 1 | 1 | 1 | 3 | | |
| 2 | 2 | 2 | 0 | 2 | 2 | 2 | 6 | | |
| 3 | 3 | 3 | 0 | 3 | 3 | 3 | 9 | | |
| 4 | 4 | 4 | 0 | 4 | 4 | 5 | 0 | | |
| 5 | 5 | 5 | 0 | 5 | 5 | 6 | 3 | | |
| 6 | 6 | 6 | 0 | 6 | 6 | 7 | 6 | | |
| 7 | 7 | 7 | 0 | 7 | 7 | 8 | 9 | | |
| 8 | 8 | 8 | 0 | 8 | 8 | 10 | 0 | | |
| 9 | 9 | 9 | 0 | 9 | 9 | 11 | 3 | | |
| 10 | 10 | 10 | 0 | 10 | 11 | 0 | 6 | | |
| 11 | 11 | 11 | 0 | 11 | 12 | 1 | 9 | | |
| 12 | 13 | 0 | 0 | 12 | 13 | 3 | 0 | | |
| 13 | 14 | 1 | 0 | 13 | 14 | 4 | 3 | | |
| 14 | 15 | 2 | 0 | 14 | 15 | 5 | 6 | | |
| 15 | 16 | 3 | 0 | 15 | 16 | 6 | 9 | | |
| 16 | 17 | 4 | 0 | 16 | 17 | 8 | 0 | | |
| 17 | 18 | 5 | 0 | 17 | 18 | 9 | 3 | | |
| 18 | 19 | 6 | 0 | 18 | 19 | 10 | 6 | | |
| 19 | 20 | 7 | 0 | 19 | 20 | 11 | 9 | | |
| 20 | 21 | 8 | 0 | 20 | 22 | 1 | 0 | | |
| 21 | 22 | 9 | 0 | 21 | 23 | 2 | 3 | | |
| 22 | 23 | 10 | 0 | 22 | 24 | 3 | 6 | | |
| 23 | 24 | 11 | 0 | 23 | 25 | 4 | 9 | | |
| 24 | 26 | 0 | 0 | 24 | 26 | 6 | 0 | | |
| Inches long. | | | | | Inches long. | | | | |
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 3 |
| 2 | 0 | 2 | 2 | 0 | 2 | 0 | 2 | 2 | 6 |
| 3 | 0 | 3 | 3 | 0 | 3 | 0 | 3 | 3 | 9 |
| 4 | 0 | 4 | 4 | 0 | 4 | 0 | 4 | 5 | 0 |
| 5 | 0 | 5 | 5 | 0 | 5 | 0 | 5 | 6 | 3 |
| 6 | 0 | 6 | 6 | 0 | 6 | 0 | 6 | 7 | 6 |
| 7 | 0 | 7 | 7 | 0 | 7 | 0 | 7 | 8 | 9 |
| 8 | 0 | 8 | 8 | 0 | 8 | 0 | 8 | 10 | 0 |
| 9 | 0 | 9 | 9 | 0 | 9 | 0 | 9 | 11 | 3 |
| 10 | 0 | 10 | 10 | 0 | 10 | 0 | 11 | 0 | 6 |
| 11 | 0 | 11 | 11 | 0 | 11 | 1 | 0 | 1 | 9 |
| Qrs. In. long. | | | | | Qrs. In. long. | | | | |
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| | 0 | 3 | 3 | 0 | | 0 | 3 | 3 | 9 |
| | 0 | 6 | 6 | 0 | | 0 | 6 | 7 | 6 |
| | 0 | 9 | 9 | 0 | | 0 | 9 | 11 | 3 |

| 13 $\frac{1}{2}$ broad. | | | | 13 $\frac{3}{4}$ broad. | | | |
|-------------------------|-----|-----|--------|-------------------------|-----|-----|--------|
| Feet long. | Ft. | In. | Pa. | Feet long. | Ft. | In. | Pa. |
| 1 | 1 | 1 | 6 | 1 | 1 | 1 | 9 |
| 2 | 2 | 3 | 0 | 2 | 2 | 3 | 6 |
| 3 | 3 | 4 | 6 | 3 | 3 | 5 | 3 |
| 4 | 4 | 6 | 0 | 4 | 4 | 7 | 0 |
| 5 | 5 | 7 | 6 | 5 | 5 | 8 | 9 |
| 6 | 6 | 9 | 0 | 6 | 6 | 10 | 6 |
| 7 | 7 | 10 | 6 | 7 | 8 | 0 | 3 |
| 8 | 9 | 0 | 0 | 8 | 9 | 2 | 0 |
| 9 | 10 | 1 | 6 | 9 | 10 | 3 | 9 |
| 10 | 11 | 3 | 0 | 10 | 11 | 5 | 6 |
| 11 | 12 | 4 | 6 | 11 | 12 | 7 | 3 |
| 12 | 13 | 6 | 0 | 12 | 13 | 9 | 0 |
| 13 | 14 | 7 | 6 | 13 | 14 | 10 | 9 |
| 14 | 15 | 9 | 0 | 14 | 16 | 0 | 6 |
| 15 | 16 | 10 | 6 | 15 | 17 | 2 | 3 |
| 16 | 18 | 0 | 0 | 16 | 18 | 4 | 0 |
| 17 | 19 | 1 | 6 | 17 | 19 | 5 | 9 |
| 18 | 20 | 3 | 0 | 18 | 20 | 7 | 6 |
| 19 | 21 | 4 | 6 | 19 | 21 | 9 | 3 |
| 20 | 22 | 6 | 0 | 20 | 22 | 11 | 0 |
| 21 | 23 | 7 | 6 | 21 | 24 | 0 | 9 |
| 22 | 24 | 9 | 0 | 22 | 25 | 2 | 6 |
| 23 | 25 | 10 | 6 | 23 | 26 | 4 | 3 |
| 24 | 27 | 0 | 0 | 24 | 27 | 6 | 0 |
| Inches long. | | | | Inches long. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| 1 | 0 | 1 | 1 6 | 1 | 0 | 1 | 1 9 |
| 2 | 0 | 2 | 3 0 | 2 | 0 | 2 | 3 6 |
| 3 | 0 | 3 | 4 6 | 3 | 0 | 3 | 5 3 |
| 4 | 0 | 4 | 6 0 | 4 | 0 | 4 | 7 0 |
| 5 | 0 | 5 | 7 6 | 5 | 0 | 5 | 8 9 |
| 6 | 0 | 6 | 9 0 | 6 | 0 | 6 | 10 6 |
| 7 | 0 | 7 | 10 6 | 7 | 0 | 8 | 0 3 |
| 8 | 0 | 9 | 0 0 | 8 | 0 | 9 | 2 0 |
| 9 | 0 | 10 | 1 6 | 9 | 0 | 10 | 3 9 |
| 10 | 0 | 11 | 3 0 | 10 | 0 | 11 | 5 6 |
| 11 | 1 | 0 | 4 6 | 11 | 1 | 0 | 7 3 |
| Qrs. In. long. | | | | Qrs. In. long. | | | |
| | In. | Pa. | S. T. | | In. | Pa. | S. T. |
| $\frac{1}{4}$ | 0 | 3 | 4 6 | $\frac{1}{4}$ | 0 | 3 | 5 3 |
| $\frac{1}{2}$ | 0 | 6 | 9 0 | $\frac{1}{2}$ | 0 | 6 | 10 6 |
| $\frac{3}{4}$ | 0 | 10 | 1 6 | $\frac{3}{4}$ | 0 | 10 | 3 9 |

| <i>Feet long.</i> | 14 In. broad. | | | <i>Feet long.</i> | 14 $\frac{1}{4}$ broad. | | |
|-------------------|---------------|-----|-----|-------------------|-------------------------|-----|-----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 1 | 2 | 0 | 1 | 1 | 2 | 3 |
| 2 | 2 | 4 | 0 | 2 | 2 | 4 | 6 |
| 3 | 3 | 6 | 0 | 3 | 3 | 6 | 9 |
| 4 | 4 | 8 | 0 | 4 | 4 | 9 | 0 |
| 5 | 5 | 10 | 0 | 5 | 5 | 11 | 3 |
| 6 | 7 | 0 | 0 | 6 | 7 | 1 | 6 |
| 7 | 8 | 2 | 0 | 7 | 8 | 3 | 9 |
| 8 | 9 | 4 | 0 | 8 | 9 | 6 | 0 |
| 9 | 10 | 6 | 0 | 9 | 10 | 8 | 3 |
| 10 | 11 | 8 | 0 | 10 | 11 | 10 | 6 |
| 11 | 12 | 10 | 0 | 11 | 13 | 0 | 9 |
| 12 | 14 | 0 | 0 | 12 | 14 | 3 | 0 |
| 13 | 15 | 2 | 0 | 13 | 15 | 5 | 3 |
| 14 | 16 | 4 | 0 | 14 | 16 | 7 | 6 |
| 15 | 17 | 6 | 0 | 15 | 17 | 9 | 9 |
| 16 | 18 | 8 | 0 | 16 | 19 | 0 | 0 |
| 17 | 19 | 10 | 0 | 17 | 20 | 2 | 3 |
| 18 | 21 | 0 | 0 | 18 | 21 | 4 | 6 |
| 19 | 22 | 2 | 0 | 19 | 22 | 6 | 9 |
| 20 | 23 | 4 | 0 | 20 | 23 | 9 | 0 |
| 21 | 24 | 6 | 0 | 21 | 24 | 11 | 3 |
| 22 | 25 | 8 | 0 | 22 | 26 | 1 | 6 |
| 23 | 26 | 10 | 0 | 23 | 27 | 3 | 9 |
| 24 | 28 | 0 | 0 | 24 | 28 | 6 | 0 |

| <i>Inches long.</i> | | | | | <i>Inches long.</i> | | | | |
|---------------------|-----|-----|-----|----|---------------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 1 | 2 | 0 | 1 | 0 | 1 | 2 | 3 |
| 2 | 0 | 2 | 4 | 0 | 2 | 0 | 2 | 4 | 6 |
| 3 | 0 | 3 | 6 | 0 | 3 | 0 | 3 | 6 | 9 |
| 4 | 0 | 4 | 8 | 0 | 4 | 0 | 4 | 9 | 0 |
| 5 | 0 | 5 | 10 | 0 | 5 | 0 | 5 | 11 | 3 |
| 6 | 0 | 7 | 0 | 0 | 6 | 0 | 7 | 1 | 6 |
| 7 | 0 | 8 | 2 | 0 | 7 | 0 | 8 | 3 | 9 |
| 8 | 0 | 9 | 4 | 0 | 8 | 0 | 9 | 6 | 0 |
| 9 | 0 | 10 | 6 | 0 | 9 | 0 | 10 | 8 | 3 |
| 10 | 0 | 11 | 8 | 0 | 10 | 0 | 11 | 10 | 6 |
| 11 | 1 | 0 | 10 | 0 | 11 | 1 | 1 | 0 | 9 |

| <i>Qrs. In. long.</i> | | | | | <i>Qrs. In. long.</i> | | | | |
|-----------------------|-----|-----|----|----|-----------------------|-----|-----|----|----|
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| $\frac{1}{4}$ | 0 | 3 | 6 | 0 | $\frac{1}{4}$ | 0 | 3 | 6 | 9 |
| $\frac{1}{2}$ | 0 | 7 | 0 | 0 | $\frac{1}{2}$ | 0 | 7 | 1 | 6 |
| $\frac{3}{4}$ | 0 | 10 | 6 | 0 | $\frac{3}{4}$ | 0 | 10 | 8 | 3 |

| Feet long. | 14 $\frac{1}{2}$ broad. | | | Feet long. | 14 $\frac{3}{4}$ broad. | | | | |
|----------------|-------------------------|-----|-----|------------|-------------------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. | | |
| 1 | 1 | 2 | 6 | 1 | 1 | 2 | 9 | | |
| 2 | 2 | 5 | 0 | 2 | 2 | 5 | 6 | | |
| 3 | 3 | 7 | 6 | 3 | 3 | 8 | 3 | | |
| 4 | 4 | 10 | 0 | 4 | 4 | 11 | 0 | | |
| 5 | 6 | 0 | 6 | 5 | 6 | 1 | 9 | | |
| 6 | 7 | 3 | 0 | 6 | 7 | 4 | 6 | | |
| 7 | 8 | 5 | 6 | 7 | 8 | 7 | 3 | | |
| 8 | 9 | 8 | 0 | 8 | 9 | 10 | 0 | | |
| 9 | 10 | 10 | 6 | 9 | 11 | 0 | 9 | | |
| 10 | 12 | 1 | 0 | 10 | 12 | 3 | 6 | | |
| 11 | 13 | 3 | 6 | 11 | 13 | 6 | 3 | | |
| 12 | 14 | 6 | 0 | 12 | 14 | 9 | 0 | | |
| 13 | 15 | 8 | 6 | 13 | 15 | 11 | 9 | | |
| 14 | 16 | 11 | 0 | 14 | 17 | 2 | 6 | | |
| 15 | 18 | 1 | 6 | 15 | 18 | 5 | 3 | | |
| 16 | 19 | 4 | 0 | 16 | 19 | 8 | 0 | | |
| 17 | 20 | 6 | 6 | 17 | 20 | 10 | 9 | | |
| 18 | 21 | 9 | 0 | 18 | 22 | 1 | 6 | | |
| 19 | 22 | 11 | 6 | 19 | 23 | 4 | 3 | | |
| 20 | 24 | 2 | 0 | 20 | 24 | 7 | 0 | | |
| 21 | 25 | 4 | 6 | 21 | 25 | 9 | 9 | | |
| 22 | 26 | 7 | 0 | 22 | 27 | 0 | 6 | | |
| 23 | 27 | 9 | 6 | 23 | 28 | 3 | 3 | | |
| 24 | 29 | 0 | 0 | 24 | 29 | 6 | 0 | | |
| Inches long. | | | | | Inches long. | | | | |
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 1 | 2 | 6 | 1 | 0 | 1 | 2 | 9 |
| 2 | 0 | 2 | 5 | 0 | 2 | 0 | 2 | 5 | 6 |
| 3 | 0 | 3 | 7 | 6 | 3 | 0 | 3 | 8 | 3 |
| 4 | 0 | 4 | 10 | 0 | 4 | 0 | 4 | 11 | 0 |
| 5 | 0 | 6 | 0 | 6 | 5 | 0 | 6 | 1 | 9 |
| 6 | 0 | 7 | 3 | 0 | 6 | 0 | 7 | 4 | 6 |
| 7 | 0 | 8 | 5 | 6 | 7 | 0 | 8 | 7 | 3 |
| 8 | 0 | 9 | 8 | 0 | 8 | 0 | 9 | 10 | 0 |
| 9 | 0 | 10 | 10 | 6 | 9 | 0 | 11 | 0 | 9 |
| 10 | 1 | 0 | 1 | 0 | 10 | 1 | 0 | 3 | 6 |
| 11 | 1 | 1 | 3 | 6 | 11 | 1 | 1 | 6 | 3 |
| Qrs. In. long. | | | | | Qrs. In. long. | | | | |
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| | 0 | 3 | 7 | 6 | | 0 | 3 | 8 | 3 |
| | 0 | 7 | 3 | 0 | | 0 | 7 | 4 | 6 |
| | 0 | 10 | 10 | 6 | | 0 | 11 | 0 | 9 |

| Feet long. | 15 In. broad. | | | Feet long. | 15 $\frac{1}{4}$ broad. | | | | |
|----------------|---------------|-----|-----|------------|-------------------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. | | |
| 1 | 1 | 3 | 0 | 1 | 1 | 3 | 3 | | |
| 2 | 2 | 6 | 0 | 2 | 2 | 6 | 6 | | |
| 3 | 3 | 9 | 0 | 3 | 3 | 9 | 9 | | |
| 4 | 5 | 0 | 0 | 4 | 5 | 1 | 0 | | |
| 5 | 6 | 3 | 0 | 5 | 6 | 4 | 3 | | |
| 6 | 7 | 6 | 0 | 6 | 7 | 7 | 6 | | |
| 7 | 8 | 9 | 0 | 7 | 8 | 10 | 9 | | |
| 8 | 10 | 0 | 0 | 8 | 10 | 2 | 0 | | |
| 9 | 11 | 3 | 0 | 9 | 11 | 5 | 3 | | |
| 10 | 12 | 6 | 0 | 10 | 12 | 8 | 6 | | |
| 11 | 13 | 9 | 0 | 11 | 13 | 11 | 9 | | |
| 12 | 15 | 0 | 0 | 12 | 15 | 3 | 0 | | |
| 13 | 16 | 3 | 0 | 13 | 16 | 6 | 3 | | |
| 14 | 17 | 6 | 0 | 14 | 17 | 9 | 6 | | |
| 15 | 18 | 9 | 0 | 15 | 19 | 0 | 9 | | |
| 16 | 20 | 0 | 0 | 16 | 20 | 4 | 0 | | |
| 17 | 21 | 3 | 0 | 17 | 21 | 7 | 3 | | |
| 18 | 22 | 6 | 0 | 18 | 22 | 10 | 6 | | |
| 19 | 23 | 9 | 0 | 19 | 24 | 1 | 9 | | |
| 20 | 25 | 0 | 0 | 20 | 25 | 5 | 0 | | |
| 21 | 26 | 3 | 0 | 21 | 26 | 8 | 3 | | |
| 22 | 27 | 6 | 0 | 22 | 27 | 11 | 6 | | |
| 23 | 28 | 9 | 0 | 23 | 29 | 2 | 9 | | |
| 24 | 30 | 0 | 0 | 24 | 30 | 6 | 0 | | |
| Inches long. | | | | | Inches long. | | | | |
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 1 | 3 | 0 | 1 | 0 | 1 | 3 | 3 |
| 2 | 0 | 2 | 6 | 0 | 2 | 0 | 2 | 6 | 6 |
| 3 | 0 | 3 | 9 | 0 | 3 | 0 | 3 | 9 | 9 |
| 4 | 0 | 5 | 0 | 0 | 4 | 0 | 5 | 1 | 0 |
| 5 | 0 | 6 | 3 | 0 | 5 | 0 | 6 | 4 | 3 |
| 6 | 0 | 7 | 6 | 0 | 6 | 0 | 7 | 7 | 6 |
| 7 | 0 | 8 | 9 | 0 | 7 | 0 | 8 | 10 | 9 |
| 8 | 0 | 10 | 0 | 0 | 8 | 0 | 10 | 2 | 0 |
| 9 | 0 | 11 | 3 | 0 | 9 | 0 | 11 | 5 | 3 |
| 10 | 1 | 0 | 6 | 0 | 10 | 1 | 0 | 8 | 6 |
| 11 | 1 | 1 | 9 | 0 | 11 | 1 | 1 | 11 | 9 |
| Qrs. In. long. | | | | | Qrs. In. long. | | | | |
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| $\frac{1}{4}$ | 0 | 3 | 9 | 0 | $\frac{1}{4}$ | 0 | 3 | 9 | 9 |
| $\frac{1}{2}$ | 0 | 7 | 6 | 0 | $\frac{1}{2}$ | 0 | 7 | 7 | 6 |
| $\frac{3}{4}$ | 0 | 11 | 3 | 0 | $\frac{3}{4}$ | 0 | 11 | 5 | 3 |

| 15 $\frac{1}{2}$ broad. | | | | 15 $\frac{3}{4}$ broad. | | | |
|-------------------------|-----|-----|--------|-------------------------|-----|-----|--------|
| Feet long. | Ft. | In. | Pa. | Feet long. | Ft. | In. | Pa. |
| 1 | 1 | 3 | 6 | 1 | 1 | 3 | 9 |
| 2 | 2 | 7 | 0 | 2 | 2 | 7 | 6 |
| 3 | 3 | 10 | 6 | 3 | 3 | 11 | 3 |
| 4 | 5 | 2 | 0 | 4 | 5 | 3 | 0 |
| 5 | 6 | 5 | 6 | 5 | 6 | 6 | 9 |
| 6 | 7 | 9 | 0 | 6 | 7 | 10 | 6 |
| 7 | 9 | 0 | 6 | 7 | 9 | 2 | 3 |
| 8 | 10 | 4 | 0 | 8 | 10 | 6 | 0 |
| 9 | 11 | 7 | 6 | 9 | 11 | 9 | 9 |
| 10 | 12 | 11 | 0 | 10 | 13 | 1 | 6 |
| 11 | 14 | 2 | 6 | 11 | 14 | 5 | 3 |
| 12 | 15 | 6 | 0 | 12 | 15 | 9 | 0 |
| 13 | 16 | 9 | 6 | 13 | 17 | 0 | 9 |
| 14 | 18 | 1 | 0 | 14 | 18 | 4 | 6 |
| 15 | 19 | 4 | 6 | 15 | 19 | 8 | 3 |
| 16 | 20 | 8 | 0 | 16 | 21 | 0 | 0 |
| 17 | 21 | 11 | 6 | 17 | 22 | 3 | 9 |
| 18 | 23 | 3 | 0 | 18 | 23 | 7 | 6 |
| 19 | 24 | 6 | 6 | 19 | 24 | 11 | 3 |
| 20 | 25 | 10 | 0 | 20 | 26 | 3 | 0 |
| 21 | 27 | 1 | 6 | 21 | 27 | 6 | 9 |
| 22 | 28 | 5 | 0 | 22 | 28 | 10 | 6 |
| 23 | 29 | 8 | 6 | 23 | 30 | 2 | 3 |
| 24 | 31 | 0 | 0 | 24 | 31 | 6 | 0 |
| Inches long. | | | | Inches long. | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. |
| 1 | 0 | 1 | 3 6 | 1 | 0 | 1 | 3 9 |
| 2 | 0 | 2 | 7 0 | 2 | 0 | 2 | 7 6 |
| 3 | 0 | 3 | 10 6 | 3 | 0 | 3 | 11 3 |
| 4 | 0 | 5 | 2 0 | 4 | 0 | 5 | 3 0 |
| 5 | 0 | 6 | 5 6 | 5 | 0 | 6 | 6 9 |
| 6 | 0 | 7 | 9 0 | 6 | 0 | 7 | 10 6 |
| 7 | 0 | 9 | 0 6 | 7 | 0 | 9 | 2 3 |
| 8 | 0 | 10 | 4 0 | 8 | 0 | 10 | 6 0 |
| 9 | 0 | 11 | 7 6 | 9 | 0 | 11 | 9 9 |
| 10 | 1 | 0 | 11 0 | 10 | 1 | 1 | 1 6 |
| 11 | 1 | 2 | 2 6 | 11 | 1 | 2 | 5 3 |
| Qrs. In. long. | | | | Qrs. In. long. | | | |
| | In. | Pa. | S. T. | | In. | Pa. | S. T. |
| $\frac{1}{4}$ | 0 | 3 | 10 6 | $\frac{1}{4}$ | 0 | 3 | 11 3 |
| $\frac{1}{2}$ | 0 | 7 | 9 0 | $\frac{1}{2}$ | 0 | 7 | 10 6 |
| $\frac{3}{4}$ | 0 | 11 | 7 6 | $\frac{3}{4}$ | 0 | 11 | 0 0 |

| Feet long. | 16 In. broad. | | | Feet long. | 16 $\frac{1}{4}$ broad. | | | | |
|----------------|---------------|-----|-----|------------|-------------------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. | | |
| 1 | 1 | 4 | 0 | 1 | 1 | 4 | 3 | | |
| 2 | 2 | 8 | 0 | 2 | 2 | 8 | 6 | | |
| 3 | 4 | 0 | 0 | 3 | 4 | 0 | 9 | | |
| 4 | 5 | 4 | 0 | 4 | 5 | 5 | 0 | | |
| 5 | 6 | 8 | 0 | 5 | 6 | 9 | 3 | | |
| 6 | 8 | 0 | 0 | 6 | 8 | 1 | 6 | | |
| 7 | 9 | 4 | 0 | 7 | 9 | 5 | 9 | | |
| 8 | 10 | 8 | 0 | 8 | 10 | 10 | 0 | | |
| 9 | 12 | 0 | 0 | 9 | 12 | 2 | 3 | | |
| 10 | 13 | 4 | 0 | 10 | 13 | 6 | 6 | | |
| 11 | 14 | 8 | 0 | 11 | 14 | 10 | 9 | | |
| 12 | 16 | 0 | 0 | 12 | 16 | 3 | 0 | | |
| 13 | 17 | 4 | 0 | 13 | 17 | 7 | 3 | | |
| 14 | 18 | 8 | 0 | 14 | 18 | 11 | 6 | | |
| 15 | 20 | 0 | 0 | 15 | 20 | 3 | 9 | | |
| 16 | 21 | 4 | 0 | 16 | 21 | 8 | 0 | | |
| 17 | 22 | 8 | 0 | 17 | 23 | 0 | 3 | | |
| 18 | 24 | 0 | 0 | 18 | 24 | 4 | 6 | | |
| 19 | 25 | 4 | 0 | 19 | 25 | 8 | 9 | | |
| 20 | 26 | 8 | 0 | 20 | 27 | 1 | 0 | | |
| 21 | 28 | 0 | 0 | 21 | 28 | 5 | 3 | | |
| 22 | 29 | 4 | 0 | 22 | 29 | 9 | 6 | | |
| 23 | 30 | 8 | 0 | 23 | 31 | 1 | 9 | | |
| 24 | 32 | 0 | 0 | 24 | 32 | 6 | 0 | | |
| Inches long. | | | | | Inches long. | | | | |
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 1 | 4 | 0 | 1 | 0 | 1 | 4 | 3 |
| 2 | 0 | 2 | 8 | 0 | 2 | 0 | 2 | 8 | 6 |
| 3 | 0 | 4 | 0 | 0 | 3 | 0 | 4 | 0 | 9 |
| 4 | 0 | 5 | 4 | 0 | 4 | 0 | 5 | 5 | 0 |
| 5 | 0 | 6 | 8 | 0 | 5 | 0 | 6 | 9 | 3 |
| 6 | 0 | 8 | 0 | 0 | 6 | 0 | 8 | 1 | 6 |
| 7 | 0 | 9 | 4 | 0 | 7 | 0 | 9 | 5 | 9 |
| 8 | 0 | 10 | 8 | 0 | 8 | 0 | 10 | 10 | 0 |
| 9 | 1 | 0 | 0 | 0 | 9 | 1 | 0 | 2 | 3 |
| 10 | 1 | 1 | 4 | 0 | 10 | 1 | 1 | 6 | 6 |
| 11 | 1 | 2 | 8 | 0 | 11 | 1 | 2 | 10 | 9 |
| Qrs. In. long. | | | | | Qrs. In. long. | | | | |
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| $\frac{1}{4}$ | 0 | 4 | 0 | 0 | $\frac{1}{4}$ | 0 | 4 | 0 | 9 |
| $\frac{1}{2}$ | 0 | 8 | 0 | 0 | $\frac{1}{2}$ | 0 | 8 | 1 | 6 |
| $\frac{3}{4}$ | 1 | 0 | 0 | 0 | $\frac{3}{4}$ | 1 | 0 | 2 | 3 |

| Feet long. | 16 $\frac{1}{2}$ broad. | | | Feet long. | 16 $\frac{3}{4}$ broad. | | | | |
|--------------------|-------------------------|-----|-----|------------|-------------------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. | | |
| 1 | 1 | 4 | 6 | 1 | 1 | 4 | 9 | | |
| 2 | 2 | 9 | 0 | 2 | 2 | 9 | 6 | | |
| 3 | 4 | 1 | 6 | 3 | 4 | 2 | 3 | | |
| 4 | 5 | 6 | 0 | 4 | 5 | 7 | 0 | | |
| 5 | 6 | 10 | 6 | 5 | 6 | 11 | 9 | | |
| 6 | 8 | 3 | 0 | 6 | 8 | 4 | 6 | | |
| 7 | 9 | 7 | 6 | 7 | 9 | 9 | 3 | | |
| 8 | 11 | 0 | 0 | 8 | 11 | 2 | 0 | | |
| 9 | 12 | 4 | 6 | 9 | 12 | 6 | 9 | | |
| 10 | 13 | 9 | 0 | 10 | 13 | 11 | 6 | | |
| 11 | 15 | 1 | 6 | 11 | 15 | 4 | 3 | | |
| 12 | 16 | 6 | 0 | 12 | 16 | 9 | 0 | | |
| 13 | 17 | 10 | 6 | 13 | 18 | 1 | 9 | | |
| 14 | 19 | 3 | 0 | 14 | 19 | 6 | 6 | | |
| 15 | 20 | 7 | 6 | 15 | 20 | 11 | 3 | | |
| 16 | 22 | 0 | 0 | 16 | 22 | 4 | 0 | | |
| 17 | 23 | 4 | 6 | 17 | 23 | 8 | 9 | | |
| 18 | 24 | 9 | 0 | 18 | 25 | 1 | 6 | | |
| 19 | 26 | 1 | 6 | 19 | 26 | 6 | 3 | | |
| 20 | 27 | 6 | 0 | 20 | 27 | 11 | 0 | | |
| 21 | 28 | 10 | 6 | 21 | 29 | 3 | 9 | | |
| 22 | 30 | 3 | 0 | 22 | 30 | 8 | 6 | | |
| 23 | 31 | 7 | 6 | 23 | 32 | 1 | 3 | | |
| 24 | 33 | 0 | 0 | 24 | 33 | 6 | 0 | | |
| Inches long. | | | | | Inches long. | | | | |
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 1 | 4 | 6 | 1 | 0 | 1 | 4 | 9 |
| 2 | 0 | 2 | 9 | 0 | 2 | 0 | 2 | 9 | 6 |
| 3 | 0 | 4 | 1 | 6 | 3 | 0 | 4 | 2 | 3 |
| 4 | 0 | 5 | 6 | 0 | 4 | 0 | 5 | 7 | 0 |
| 5 | 0 | 6 | 10 | 6 | 5 | 0 | 6 | 11 | 9 |
| 6 | 0 | 8 | 3 | 0 | 6 | 0 | 8 | 4 | 6 |
| 7 | 0 | 9 | 7 | 6 | 7 | 0 | 9 | 9 | 3 |
| 8 | 0 | 11 | 0 | 0 | 8 | 0 | 11 | 2 | 0 |
| 9 | 1 | 0 | 4 | 6 | 9 | 1 | 0 | 6 | 9 |
| 10 | 1 | 1 | 9 | 0 | 10 | 1 | 1 | 11 | 6 |
| 11 | 1 | 3 | 1 | 6 | 11 | 1 | 3 | 4 | 3 |
| Qrs. In. long. | | | | | Qrs. In. long. | | | | |
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| $\frac{1}{4}$ inch | 0 | 4 | 1 | 6 | $\frac{1}{4}$ inch | 0 | 4 | 2 | 3 |
| $\frac{1}{2}$ inch | 0 | 8 | 3 | 0 | $\frac{1}{2}$ inch | 0 | 8 | 4 | 6 |
| $\frac{3}{4}$ inch | 1 | 4 | 4 | 6 | $\frac{3}{4}$ inch | 1 | 0 | 6 | 9 |

| Feet long. | 17 In. broad. | | | Feet long. | 17 $\frac{1}{4}$ broad. | | | | |
|----------------|---------------|-----|-----|------------|-------------------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. | | |
| 1 | 1 | 5 | 0 | 1 | 1 | 5 | 3 | | |
| 2 | 2 | 10 | 0 | 2 | 2 | 10 | 6 | | |
| 3 | 4 | 3 | 0 | 3 | 4 | 3 | 9 | | |
| 4 | 5 | 8 | 0 | 4 | 5 | 9 | 0 | | |
| 5 | 7 | 1 | 0 | 5 | 7 | 2 | 3 | | |
| 6 | 8 | 6 | 0 | 6 | 8 | 7 | 6 | | |
| 7 | 9 | 11 | 0 | 7 | 10 | 0 | 9 | | |
| 8 | 11 | 4 | 0 | 8 | 11 | 6 | 0 | | |
| 9 | 12 | 9 | 0 | 9 | 12 | 11 | 3 | | |
| 10 | 14 | 2 | 0 | 10 | 14 | 4 | 6 | | |
| 11 | 15 | 7 | 0 | 11 | 15 | 9 | 9 | | |
| 12 | 17 | 0 | 0 | 12 | 17 | 3 | 0 | | |
| 13 | 18 | 5 | 0 | 13 | 18 | 8 | 3 | | |
| 14 | 19 | 10 | 0 | 14 | 20 | 1 | 6 | | |
| 15 | 21 | 3 | 0 | 15 | 21 | 6 | 9 | | |
| 16 | 22 | 8 | 0 | 16 | 23 | 0 | 0 | | |
| 17 | 24 | 1 | 0 | 17 | 24 | 5 | 3 | | |
| 18 | 25 | 6 | 0 | 18 | 25 | 10 | 6 | | |
| 19 | 26 | 11 | 0 | 19 | 27 | 3 | 9 | | |
| 20 | 28 | 4 | 0 | 20 | 28 | 9 | 0 | | |
| 21 | 29 | 9 | 0 | 21 | 30 | 2 | 3 | | |
| 22 | 31 | 2 | 0 | 22 | 31 | 7 | 6 | | |
| 23 | 32 | 7 | 0 | 23 | 33 | 0 | 9 | | |
| 24 | 34 | 0 | 0 | 24 | 34 | 6 | 0 | | |
| Inches long. | | | | | Inches long. | | | | |
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 1 | 5 | 0 | 1 | 0 | 1 | 5 | 3 |
| 2 | 0 | 2 | 10 | 0 | 2 | 0 | 2 | 10 | 6 |
| 3 | 0 | 4 | 3 | 0 | 3 | 0 | 4 | 3 | 9 |
| 4 | 0 | 5 | 8 | 0 | 4 | 0 | 5 | 9 | 0 |
| 5 | 0 | 7 | 1 | 0 | 5 | 0 | 7 | 2 | 3 |
| 6 | 0 | 8 | 6 | 0 | 6 | 0 | 8 | 7 | 6 |
| 7 | 0 | 9 | 11 | 0 | 7 | 0 | 10 | 0 | 9 |
| 8 | 0 | 11 | 4 | 0 | 8 | 0 | 11 | 6 | 0 |
| 9 | 1 | 0 | 9 | 0 | 9 | 1 | 0 | 11 | 3 |
| 10 | 1 | 2 | 2 | 0 | 10 | 1 | 2 | 4 | 6 |
| 11 | 1 | 3 | 7 | 0 | 11 | 1 | 3 | 9 | 9 |
| Qrs. In. long. | | | | | Qrs. In. long. | | | | |
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| $\frac{1}{4}$ | 0 | 4 | 3 | 0 | $\frac{1}{4}$ | 0 | 4 | 3 | 9 |
| $\frac{1}{2}$ | 0 | 8 | 6 | 0 | $\frac{1}{2}$ | 0 | 8 | 7 | 6 |
| $\frac{3}{4}$ | 1 | 0 | 9 | 0 | $\frac{3}{4}$ | 1 | 0 | 11 | 3 |

| Feet long. | 17 $\frac{1}{2}$ broad. | | | Feet long. | 17 $\frac{1}{4}$ broad. | | |
|------------|-------------------------|-----|-----|------------|-------------------------|-----|-----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 1 | 5 | 6 | 1 | 1 | 5 | 9 |
| 2 | 2 | 11 | 0 | 2 | 2 | 11 | 6 |
| 3 | 4 | 4 | 6 | 3 | 4 | 5 | 3 |
| 4 | 5 | 10 | 0 | 4 | 5 | 11 | 0 |
| 5 | 7 | 3 | 6 | 5 | 7 | 4 | 9 |
| 6 | 8 | 9 | 0 | 6 | 8 | 10 | 6 |
| 7 | 10 | 2 | 6 | 7 | 10 | 4 | 3 |
| 8 | 11 | 8 | 0 | 8 | 11 | 10 | 0 |
| 9 | 13 | 1 | 6 | 9 | 13 | 3 | 9 |
| 10 | 14 | 7 | 0 | 10 | 14 | 9 | 6 |
| 11 | 16 | 0 | 6 | 11 | 16 | 3 | 3 |
| 12 | 17 | 6 | 0 | 12 | 17 | 9 | 0 |
| 13 | 18 | 11 | 6 | 13 | 19 | 2 | 9 |
| 14 | 20 | 5 | 0 | 14 | 20 | 8 | 6 |
| 15 | 21 | 10 | 6 | 15 | 22 | 2 | 3 |
| 16 | 23 | 4 | 0 | 16 | 23 | 8 | 0 |
| 17 | 24 | 9 | 6 | 17 | 25 | 1 | 9 |
| 18 | 26 | 3 | 0 | 18 | 26 | 7 | 6 |
| 19 | 27 | 8 | 6 | 19 | 28 | 1 | 3 |
| 20 | 29 | 2 | 0 | 20 | 29 | 7 | 0 |
| 21 | 30 | 7 | 6 | 21 | 31 | 0 | 9 |
| 22 | 32 | 1 | 0 | 22 | 32 | 6 | 6 |
| 23 | 33 | 6 | 6 | 23 | 34 | 0 | 3 |
| 24 | 35 | 0 | 0 | 24 | 35 | 6 | 0 |

| Inches long. | | | | | Inches long. | | | | |
|--------------|-----|-----|-----|----|--------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 1 | 5 | 6 | 1 | 0 | 1 | 5 | 9 |
| 2 | 0 | 2 | 11 | 0 | 2 | 0 | 2 | 11 | 6 |
| 3 | 0 | 4 | 4 | 6 | 3 | 0 | 4 | 5 | 3 |
| 4 | 0 | 5 | 10 | 0 | 4 | 0 | 5 | 11 | 0 |
| 5 | 0 | 7 | 3 | 6 | 5 | 0 | 7 | 4 | 9 |
| 6 | 0 | 8 | 9 | 0 | 6 | 0 | 8 | 10 | 6 |
| 7 | 0 | 10 | 2 | 6 | 7 | 0 | 10 | 4 | 3 |
| 8 | 0 | 11 | 8 | 0 | 8 | 0 | 11 | 10 | 0 |
| 9 | 1 | 1 | 1 | 6 | 9 | 1 | 1 | 3 | 9 |
| 10 | 1 | 2 | 7 | 0 | 10 | 1 | 2 | 9 | 6 |
| 11 | 1 | 4 | 0 | 6 | 11 | 1 | 4 | 3 | 3 |

| Qrs. In. long. | | | | | Qrs. In. long. | | | | |
|----------------|-----|-----|----|----|----------------|-----|-----|----|----|
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| | 0 | 4 | 4 | 6 | | 0 | 4 | 5 | 3 |
| | 0 | 8 | 9 | 0 | | 0 | 8 | 10 | 6 |
| | 1 | 1 | 1 | 6 | | 1 | 1 | 3 | 9 |

| Feet long. | 18 In. broad. | | | Feet long. | 18 $\frac{1}{4}$ broad. | | | | |
|---|---------------|-----|-----|------------|---|-----|-----|-----|----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. | | |
| 1 | 1 | 6 | 0 | 1 | 1 | 6 | 3 | | |
| 2 | 3 | 0 | 0 | 2 | 3 | 0 | 6 | | |
| 3 | 4 | 6 | 0 | 3 | 4 | 6 | 9 | | |
| 4 | 6 | 0 | 0 | 4 | 6 | 1 | 0 | | |
| 5 | 7 | 6 | 0 | 5 | 7 | 7 | 3 | | |
| 6 | 9 | 0 | 0 | 6 | 9 | 1 | 6 | | |
| 7 | 10 | 6 | 0 | 7 | 10 | 7 | 9 | | |
| 8 | 12 | 0 | 0 | 8 | 12 | 2 | 0 | | |
| 9 | 13 | 6 | 0 | 9 | 13 | 8 | 3 | | |
| 10 | 15 | 0 | 0 | 10 | 15 | 2 | 6 | | |
| 11 | 16 | 6 | 0 | 11 | 16 | 8 | 9 | | |
| 12 | 18 | 0 | 0 | 12 | 18 | 3 | 0 | | |
| 13 | 19 | 6 | 0 | 13 | 19 | 9 | 3 | | |
| 14 | 21 | 0 | 0 | 14 | 21 | 3 | 6 | | |
| 15 | 22 | 6 | 0 | 15 | 22 | 9 | 9 | | |
| 16 | 24 | 0 | 0 | 16 | 24 | 4 | 0 | | |
| 17 | 25 | 6 | 0 | 17 | 25 | 10 | 3 | | |
| 18 | 27 | 0 | 0 | 18 | 27 | 4 | 6 | | |
| 19 | 28 | 6 | 0 | 19 | 28 | 10 | 9 | | |
| 20 | 30 | 0 | 0 | 20 | 30 | 5 | 0 | | |
| 21 | 31 | 6 | 0 | 21 | 31 | 11 | 3 | | |
| 22 | 33 | 0 | 0 | 22 | 33 | 5 | 6 | | |
| 23 | 34 | 6 | 0 | 23 | 34 | 11 | 9 | | |
| 24 | 36 | 0 | 0 | 24 | 36 | 6 | 0 | | |
| Inches long. | | | | | Inches long. | | | | |
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 1 | 6 | 0 | 1 | 0 | 1 | 6 | 3 |
| 2 | 0 | 3 | 0 | 0 | 2 | 0 | 3 | 0 | 6 |
| 3 | 0 | 4 | 6 | 0 | 3 | 0 | 4 | 6 | 9 |
| 4 | 0 | 6 | 0 | 0 | 4 | 0 | 6 | 1 | 0 |
| 5 | 0 | 7 | 6 | 0 | 5 | 0 | 7 | 7 | 3 |
| 6 | 0 | 9 | 0 | 0 | 6 | 0 | 9 | 1 | 6 |
| 7 | 0 | 10 | 6 | 0 | 7 | 0 | 10 | 7 | 9 |
| 8 | 1 | 0 | 0 | 0 | 8 | 1 | 0 | 2 | 0 |
| 9 | 1 | 1 | 6 | 0 | 9 | 1 | 1 | 8 | 3 |
| 10 | 1 | 3 | 0 | 0 | 10 | 1 | 3 | 2 | 6 |
| 11 | 1 | 4 | 6 | 0 | 11 | 1 | 4 | 8 | 9 |
| Qrs. In. long. $\frac{1}{4}$ to $\frac{3}{4}$ | | | | | Qrs. In. long. $\frac{1}{4}$ to $\frac{3}{4}$ | | | | |
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| | 0 | 4 | 6 | 0 | | 0 | 4 | 6 | 9 |
| | 0 | 9 | 0 | 0 | | 0 | 9 | 1 | 6 |
| | 1 | 1 | 6 | 0 | | 1 | 1 | 8 | 3 |

| Feet long. | 18 $\frac{1}{2}$ broad. | | | Feet long. | 18 $\frac{3}{4}$ broad. | | |
|------------|-------------------------|-----|-----|------------|-------------------------|-----|-----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 1 | 6 | 6 | 1 | 1 | 6 | 9 |
| 2 | 3 | 1 | 0 | 2 | 3 | 1 | 6 |
| 3 | 4 | 7 | 6 | 3 | 4 | 8 | 3 |
| 4 | 6 | 2 | 0 | 4 | 6 | 3 | 0 |
| 5 | 7 | 8 | 6 | 5 | 7 | 9 | 9 |
| 6 | 9 | 3 | 0 | 6 | 9 | 4 | 6 |
| 7 | 10 | 9 | 6 | 7 | 10 | 11 | 3 |
| 8 | 12 | 4 | 0 | 8 | 12 | 6 | 0 |
| 9 | 13 | 10 | 6 | 9 | 14 | 0 | 9 |
| 10 | 15 | 5 | 0 | 10 | 15 | 7 | 6 |
| 11 | 16 | 11 | 6 | 11 | 17 | 2 | 3 |
| 12 | 18 | 6 | 0 | 12 | 18 | 9 | 0 |
| 13 | 20 | 0 | 6 | 13 | 20 | 3 | 9 |
| 14 | 21 | 7 | 0 | 14 | 21 | 10 | 6 |
| 15 | 23 | 1 | 6 | 15 | 23 | 5 | 3 |
| 16 | 24 | 8 | 0 | 16 | 25 | 0 | 0 |
| 17 | 26 | 2 | 6 | 17 | 26 | 6 | 9 |
| 18 | 27 | 9 | 0 | 18 | 28 | 1 | 6 |
| 19 | 29 | 3 | 6 | 19 | 29 | 8 | 3 |
| 20 | 30 | 10 | 0 | 20 | 31 | 3 | 0 |
| 21 | 32 | 4 | 6 | 21 | 32 | 9 | 9 |
| 22 | 33 | 11 | 0 | 22 | 34 | 4 | 6 |
| 23 | 35 | 5 | 6 | 23 | 35 | 11 | 3 |
| 24 | 37 | 0 | 0 | 24 | 37 | 6 | 0 |

| Inches long. | | | | | Inches long. | | | | |
|--------------|-----|-----|-----|----|--------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 1 | 6 | 6 | 1 | 0 | 1 | 6 | 9 |
| 2 | 0 | 3 | 1 | 0 | 2 | 0 | 3 | 1 | 6 |
| 3 | 0 | 4 | 7 | 6 | 3 | 0 | 4 | 8 | 3 |
| 4 | 0 | 6 | 2 | 0 | 4 | 0 | 6 | 3 | 0 |
| 5 | 0 | 7 | 8 | 6 | 5 | 0 | 7 | 9 | 9 |
| 6 | 0 | 9 | 3 | 0 | 6 | 0 | 9 | 4 | 6 |
| 7 | 0 | 10 | 9 | 6 | 7 | 0 | 10 | 11 | 3 |
| 8 | 1 | 0 | 4 | 0 | 8 | 1 | 0 | 6 | 0 |
| 9 | 1 | 1 | 10 | 6 | 9 | 1 | 2 | 0 | 9 |
| 10 | 1 | 3 | 5 | 0 | 10 | 1 | 3 | 7 | 6 |
| 11 | 1 | 4 | 11 | 6 | 11 | 1 | 5 | 2 | 3 |

| Quarts In. long. | | | | | Quarts In. long. | | | | |
|------------------|-----|-----|----|----|------------------|-----|-----|----|----|
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| $\frac{1}{4}$ | 0 | 4 | 7 | 6 | $\frac{1}{4}$ | 0 | 4 | 8 | 3 |
| $\frac{1}{2}$ | 0 | 9 | 3 | 0 | $\frac{1}{2}$ | 0 | 9 | 4 | 6 |
| $\frac{3}{4}$ | 1 | 1 | 10 | 6 | $\frac{3}{4}$ | 1 | 2 | 0 | 9 |

| Feet long. | 19 In. broad. | | | Feet long. | 19 $\frac{1}{4}$ broad. | | |
|------------|---------------|-----|-----|------------|-------------------------|-----|-----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 1 | 7 | 0 | 1 | 1 | 7 | 3 |
| 2 | 3 | 2 | 0 | 2 | 3 | 2 | 6 |
| 3 | 4 | 9 | 0 | 3 | 4 | 9 | 9 |
| 4 | 6 | 4 | 0 | 4 | 6 | 5 | 0 |
| 5 | 7 | 11 | 0 | 5 | 8 | 0 | 3 |
| 6 | 9 | 6 | 0 | 6 | 9 | 7 | 6 |
| 7 | 11 | 1 | 0 | 7 | 11 | 2 | 9 |
| 8 | 12 | 8 | 0 | 8 | 12 | 10 | 0 |
| 9 | 14 | 3 | 0 | 9 | 14 | 5 | 3 |
| 10 | 15 | 10 | 0 | 10 | 16 | 0 | 6 |
| 11 | 17 | 5 | 0 | 11 | 17 | 7 | 9 |
| 12 | 19 | 0 | 0 | 12 | 19 | 3 | 0 |
| 13 | 20 | 7 | 0 | 13 | 20 | 10 | 3 |
| 14 | 22 | 2 | 0 | 14 | 22 | 5 | 6 |
| 15 | 23 | 9 | 0 | 15 | 24 | 0 | 9 |
| 16 | 25 | 4 | 0 | 16 | 25 | 8 | 0 |
| 17 | 26 | 11 | 0 | 17 | 27 | 3 | 3 |
| 18 | 28 | 6 | 0 | 18 | 28 | 10 | 6 |
| 19 | 30 | 1 | 0 | 19 | 30 | 5 | 9 |
| 20 | 31 | 8 | 0 | 20 | 32 | 1 | 0 |
| 21 | 33 | 3 | 0 | 21 | 33 | 8 | 3 |
| 22 | 34 | 10 | 0 | 22 | 35 | 3 | 6 |
| 23 | 36 | 5 | 0 | 23 | 36 | 10 | 9 |
| 24 | 38 | 0 | 0 | 24 | 38 | 6 | 0 |

| Inches long. | | | | | Inches long. | | | | |
|--------------|-----|-----|-----|----|--------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 1 | 7 | 0 | 1 | 0 | 1 | 7 | 3 |
| 2 | 0 | 3 | 2 | 0 | 2 | 0 | 3 | 2 | 6 |
| 3 | 0 | 4 | 9 | 0 | 3 | 0 | 4 | 9 | 9 |
| 4 | 0 | 6 | 4 | 0 | 4 | 0 | 6 | 5 | 0 |
| 5 | 0 | 7 | 11 | 0 | 5 | 0 | 8 | 0 | 3 |
| 6 | 0 | 9 | 6 | 0 | 6 | 0 | 9 | 7 | 6 |
| 7 | 0 | 11 | 1 | 0 | 7 | 0 | 11 | 2 | 9 |
| 8 | 1 | 0 | 8 | 0 | 8 | 1 | 0 | 10 | 0 |
| 9 | 1 | 2 | 3 | 0 | 9 | 1 | 2 | 5 | 3 |
| 10 | 1 | 3 | 10 | 0 | 10 | 1 | 4 | 0 | 6 |
| 11 | 1 | 5 | 5 | 0 | 11 | 1 | 5 | 7 | 9 |

| Qrs. In. long. | | | | | Qrs. In. long. | | | | |
|----------------|-----|-----|----|----|----------------|-----|-----|----|----|
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| $\frac{1}{4}$ | 0 | 4 | 9 | 0 | $\frac{1}{4}$ | 0 | 4 | 9 | 9 |
| $\frac{1}{2}$ | 0 | 9 | 6 | 0 | $\frac{1}{2}$ | 0 | 9 | 7 | 6 |
| $\frac{3}{4}$ | 1 | 2 | 3 | 0 | $\frac{3}{4}$ | 1 | 2 | 5 | 3 |

Feet long.

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24

Inches long.

1
2
3
4
5
6
7
8
9
10
11

Qrs. In. long.

 $\frac{1}{4}$
 $\frac{1}{2}$
 $\frac{3}{4}$

| Feet long. | 19 $\frac{1}{4}$ broad. | | | Feet long. | 19 $\frac{3}{4}$ broad. | | | | |
|----------------|-------------------------|-----|-----|------------|-------------------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. | | |
| 1 | 1 | 7 | 6 | 1 | 1 | 7 | 9 | | |
| 2 | 3 | 3 | 0 | 2 | 3 | 3 | 6 | | |
| 3 | 4 | 10 | 6 | 3 | 4 | 11 | 3 | | |
| 4 | 6 | 6 | 0 | 4 | 6 | 7 | 0 | | |
| 5 | 8 | 1 | 6 | 5 | 8 | 2 | 9 | | |
| 6 | 9 | 9 | 0 | 6 | 9 | 10 | 6 | | |
| 7 | 11 | 4 | 6 | 7 | 11 | 6 | 3 | | |
| 8 | 13 | 0 | 0 | 8 | 13 | 2 | 0 | | |
| 9 | 14 | 7 | 6 | 9 | 14 | 9 | 9 | | |
| 10 | 16 | 3 | 0 | 10 | 16 | 5 | 6 | | |
| 11 | 17 | 10 | 6 | 11 | 18 | 1 | 3 | | |
| 12 | 19 | 6 | 0 | 12 | 19 | 9 | 0 | | |
| 13 | 21 | 1 | 6 | 13 | 21 | 4 | 9 | | |
| 14 | 22 | 9 | 0 | 14 | 23 | 0 | 6 | | |
| 15 | 24 | 4 | 6 | 15 | 24 | 8 | 3 | | |
| 16 | 26 | 0 | 0 | 16 | 26 | 4 | 0 | | |
| 17 | 27 | 7 | 6 | 17 | 27 | 11 | 9 | | |
| 18 | 29 | 3 | 0 | 18 | 29 | 7 | 6 | | |
| 19 | 30 | 10 | 6 | 19 | 31 | 3 | 3 | | |
| 20 | 32 | 6 | 0 | 20 | 32 | 11 | 0 | | |
| 21 | 34 | 1 | 6 | 21 | 34 | 6 | 9 | | |
| 22 | 35 | 9 | 0 | 22 | 36 | 2 | 6 | | |
| 23 | 37 | 4 | 6 | 23 | 37 | 10 | 3 | | |
| 24 | 39 | 0 | 0 | 24 | 39 | 6 | 0 | | |
| Inches long. | | | | | Inches long. | | | | |
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 1 | 7 | 6 | 1 | 0 | 1 | 7 | 9 |
| 2 | 0 | 3 | 3 | 0 | 2 | 0 | 3 | 3 | 6 |
| 3 | 0 | 4 | 10 | 6 | 3 | 0 | 4 | 11 | 3 |
| 4 | 0 | 6 | 6 | 0 | 4 | 0 | 6 | 7 | 0 |
| 5 | 0 | 8 | 1 | 6 | 5 | 0 | 8 | 2 | 9 |
| 6 | 0 | 9 | 9 | 0 | 6 | 0 | 9 | 10 | 6 |
| 7 | 0 | 11 | 4 | 6 | 7 | 0 | 11 | 6 | 3 |
| 8 | 1 | 1 | 0 | 0 | 8 | 1 | 1 | 2 | 0 |
| 9 | 1 | 2 | 7 | 6 | 9 | 1 | 2 | 9 | 9 |
| 10 | 1 | 4 | 3 | 0 | 10 | 1 | 4 | 5 | 6 |
| 11 | 1 | 5 | 10 | 6 | 11 | 1 | 6 | 1 | 3 |
| Qrs. In. long. | | | | | Qrs. In. long. | | | | |
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| | 0 | 4 | 10 | 6 | | 0 | 4 | 11 | 3 |
| | 0 | 9 | 9 | 0 | | 0 | 9 | 10 | 6 |
| | 1 | 2 | 7 | 6 | | 1 | 2 | 9 | 9 |

| Feet long. | 20 In. broad. | | | Feet long. | 20 $\frac{1}{4}$ broad. | | | | |
|----------------|---------------|-----|-----|------------|-------------------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. | | |
| 1 | 1 | 8 | 0 | 1 | 1 | 8 | 3 | | |
| 2 | 3 | 4 | 0 | 2 | 3 | 4 | 6 | | |
| 3 | 5 | 0 | 0 | 3 | 5 | 0 | 9 | | |
| 4 | 6 | 8 | 0 | 4 | 6 | 9 | 0 | | |
| 5 | 8 | 4 | 0 | 5 | 8 | 5 | 3 | | |
| 6 | 10 | 0 | 0 | 6 | 10 | 1 | 6 | | |
| 7 | 11 | 8 | 0 | 7 | 11 | 9 | 9 | | |
| 8 | 13 | 4 | 0 | 8 | 13 | 6 | 0 | | |
| 9 | 15 | 0 | 0 | 9 | 15 | 2 | 3 | | |
| 10 | 16 | 8 | 0 | 10 | 16 | 10 | 6 | | |
| 11 | 18 | 4 | 0 | 11 | 18 | 6 | 9 | | |
| 12 | 20 | 0 | 0 | 12 | 20 | 3 | 0 | | |
| 13 | 21 | 8 | 0 | 13 | 21 | 11 | 3 | | |
| 14 | 23 | 4 | 0 | 14 | 23 | 7 | 6 | | |
| 15 | 25 | 0 | 0 | 15 | 25 | 3 | 9 | | |
| 16 | 26 | 8 | 0 | 16 | 27 | 0 | 0 | | |
| 17 | 28 | 4 | 0 | 17 | 28 | 8 | 3 | | |
| 18 | 30 | 0 | 0 | 18 | 30 | 4 | 6 | | |
| 19 | 31 | 8 | 0 | 19 | 32 | 0 | 9 | | |
| 20 | 33 | 4 | 0 | 20 | 33 | 9 | 0 | | |
| 21 | 35 | 0 | 0 | 21 | 35 | 5 | 3 | | |
| 22 | 36 | 8 | 0 | 22 | 37 | 1 | 6 | | |
| 23 | 38 | 4 | 0 | 23 | 38 | 9 | 9 | | |
| 24 | 40 | 0 | 0 | 24 | 40 | 6 | 0 | | |
| Inches long. | | | | | Inches long. | | | | |
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 1 | 8 | 0 | 1 | 0 | 1 | 8 | 3 |
| 2 | 0 | 3 | 4 | 0 | 2 | 0 | 3 | 4 | 6 |
| 3 | 0 | 5 | 0 | 0 | 3 | 0 | 5 | 0 | 9 |
| 4 | 0 | 6 | 8 | 0 | 4 | 0 | 6 | 9 | 0 |
| 5 | 0 | 8 | 4 | 0 | 5 | 0 | 8 | 5 | 3 |
| 6 | 0 | 10 | 0 | 0 | 6 | 0 | 10 | 1 | 6 |
| 7 | 0 | 11 | 8 | 0 | 7 | 0 | 11 | 9 | 9 |
| 8 | 1 | 1 | 4 | 0 | 8 | 1 | 1 | 6 | 0 |
| 9 | 1 | 3 | 0 | 0 | 9 | 1 | 3 | 2 | 3 |
| 10 | 1 | 4 | 8 | 0 | 10 | 1 | 4 | 10 | 6 |
| 11 | 1 | 6 | 4 | 0 | 11 | 1 | 6 | 6 | 9 |
| Qrs. In. long. | | | | | Qrs. In. long. | | | | |
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| $\frac{1}{4}$ | 0 | 5 | 0 | 0 | $\frac{1}{4}$ | 0 | 5 | 0 | 9 |
| $\frac{1}{2}$ | 0 | 10 | 0 | 0 | $\frac{1}{2}$ | 0 | 10 | 1 | 6 |
| $\frac{3}{4}$ | 1 | 3 | 0 | 0 | $\frac{3}{4}$ | 1 | 3 | 2 | 3 |

| 20 $\frac{1}{2}$ broad. | | | | 20 $\frac{3}{4}$ broad. | | | |
|-------------------------|-------------|-----|-----|-------------------------|-------------|-----|-----|
| Feet long. | Ft. In. Pa. | | | Feet long. | Ft. In. Pa. | | |
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 1 | 8 | 6 | 1 | 1 | 8 | 9 |
| 2 | 3 | 5 | 0 | 2 | 3 | 5 | 6 |
| 3 | 5 | 1 | 6 | 3 | 5 | 2 | 3 |
| 4 | 6 | 10 | 0 | 4 | 6 | 11 | 0 |
| 5 | 8 | 6 | 6 | 5 | 8 | 7 | 9 |
| 6 | 10 | 3 | 0 | 6 | 10 | 4 | 6 |
| 7 | 11 | 11 | 6 | 7 | 12 | 1 | 3 |
| 8 | 13 | 8 | 0 | 8 | 13 | 10 | 0 |
| 9 | 15 | 4 | 6 | 9 | 15 | 6 | 9 |
| 10 | 17 | 1 | 0 | 10 | 17 | 3 | 6 |
| 11 | 18 | 9 | 6 | 11 | 19 | 0 | 3 |
| 12 | 20 | 0 | 0 | 12 | 20 | 9 | 0 |
| 13 | 22 | 2 | 6 | 13 | 22 | 5 | 9 |
| 14 | 23 | 11 | 0 | 14 | 24 | 2 | 6 |
| 15 | 25 | 7 | 6 | 15 | 25 | 11 | 3 |
| 16 | 27 | 4 | 0 | 16 | 27 | 8 | 0 |
| 17 | 29 | 0 | 6 | 17 | 29 | 4 | 9 |
| 18 | 30 | 9 | 0 | 18 | 31 | 1 | 6 |
| 19 | 32 | 5 | 6 | 19 | 32 | 10 | 3 |
| 20 | 34 | 2 | 0 | 20 | 34 | 7 | 0 |
| 21 | 35 | 10 | 6 | 21 | 36 | 3 | 9 |
| 22 | 37 | 7 | 0 | 22 | 38 | 0 | 6 |
| 23 | 39 | 3 | 6 | 23 | 39 | 9 | 3 |
| 24 | 41 | 0 | 0 | 24 | 41 | 6 | 0 |

| Inches long. | | | | Inches long. | | | | | |
|--------------|----------------|-----|--------|--------------|----------------|-----|--------|---|---|
| Feet long. | Ft. In. Pa. S. | | | Feet long. | Ft. In. Pa. S. | | | | |
| | Ft. | In. | Pa. S. | | Ft. | In. | Pa. S. | | |
| 1 | 0 | 1 | 8 | 6 | 1 | 0 | 1 | 8 | 9 |
| 2 | 0 | 3 | 5 | 0 | 3 | 5 | 0 | 6 | |
| 3 | 0 | 5 | 1 | 6 | 0 | 5 | 2 | 3 | |
| 4 | 0 | 6 | 10 | 0 | 6 | 11 | 0 | 0 | |
| 5 | 0 | 8 | 6 | 6 | 0 | 8 | 7 | 9 | |
| 6 | 0 | 10 | 3 | 0 | 10 | 4 | 6 | | |
| 7 | 0 | 11 | 11 | 6 | 1 | 0 | 1 | 3 | |
| 8 | 1 | 1 | 8 | 0 | 1 | 1 | 10 | 0 | |
| 9 | 1 | 3 | 4 | 6 | 1 | 3 | 6 | 9 | |
| 10 | 1 | 5 | 1 | 0 | 1 | 5 | 3 | 6 | |
| 11 | 1 | 6 | 9 | 6 | 1 | 7 | 0 | 3 | |

| Quarts. In. long. | | | | Quarts. In. long. | | | | |
|-------------------|---------------|-----|-------|-------------------|---------------|-----|-------|---|
| Feet long. | In. Pa. S. T. | | | Feet long. | In. Pa. S. T. | | | |
| | In. | Pa. | S. T. | | In. | Pa. | S. T. | |
| 1 | 0 | 5 | 1 | 6 | 0 | 5 | 2 | 3 |
| 2 | 0 | 10 | 3 | 0 | 0 | 10 | 4 | 6 |
| 3 | 1 | 3 | 4 | 6 | 1 | 3 | 6 | 9 |

| Feet long. | 21 In. broad. | | | Feet long. | 21 $\frac{3}{4}$ broad. | | |
|------------|---------------|-----|-----|------------|-------------------------|-----|-----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 1 | 9 | 0 | 1 | 1 | 9 | 3 |
| 2 | 3 | 6 | 0 | 2 | 3 | 6 | 6 |
| 3 | 5 | 3 | 0 | 3 | 5 | 3 | 9 |
| 4 | 7 | 0 | 0 | 4 | 7 | 1 | 0 |
| 5 | 8 | 9 | 0 | 5 | 8 | 10 | 3 |
| 6 | 10 | 6 | 0 | 6 | 10 | 7 | 6 |
| 7 | 12 | 3 | 0 | 7 | 12 | 4 | 9 |
| 8 | 14 | 0 | 0 | 8 | 14 | 2 | 0 |
| 9 | 15 | 9 | 0 | 9 | 15 | 11 | 3 |
| 10 | 17 | 6 | 0 | 10 | 17 | 8 | 6 |
| 11 | 19 | 3 | 0 | 11 | 19 | 5 | 9 |
| 12 | 21 | 0 | 0 | 12 | 21 | 3 | 0 |
| 13 | 22 | 9 | 0 | 13 | 23 | 0 | 3 |
| 14 | 24 | 6 | 0 | 14 | 24 | 9 | 6 |
| 15 | 26 | 3 | 0 | 15 | 26 | 6 | 9 |
| 16 | 28 | 0 | 0 | 16 | 28 | 4 | 0 |
| 17 | 29 | 9 | 0 | 17 | 30 | 1 | 3 |
| 18 | 31 | 6 | 0 | 18 | 31 | 10 | 6 |
| 19 | 33 | 3 | 0 | 19 | 33 | 7 | 9 |
| 20 | 35 | 0 | 0 | 20 | 35 | 5 | 0 |
| 21 | 36 | 9 | 0 | 21 | 37 | 2 | 3 |
| 22 | 38 | 6 | 0 | 22 | 38 | 11 | 6 |
| 23 | 40 | 3 | 0 | 23 | 40 | 8 | 9 |
| 24 | 42 | 0 | 0 | 24 | 42 | 6 | 0 |

| Inches long. | | | | | Inches long. | | | | |
|--------------|-----|-----|-----|----|--------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 1 | 9 | 0 | 1 | 0 | 1 | 9 | 3 |
| 2 | 0 | 3 | 6 | 0 | 2 | 0 | 3 | 6 | 6 |
| 3 | 0 | 5 | 3 | 0 | 3 | 0 | 5 | 3 | 9 |
| 4 | 0 | 7 | 0 | 0 | 4 | 0 | 7 | 1 | 0 |
| 5 | 0 | 8 | 9 | 0 | 5 | 0 | 8 | 10 | 3 |
| 6 | 0 | 10 | 6 | 0 | 6 | 0 | 10 | 7 | 6 |
| 7 | 1 | 0 | 3 | 0 | 7 | 1 | 0 | 4 | 9 |
| 8 | 1 | 2 | 0 | 0 | 8 | 1 | 2 | 2 | 0 |
| 9 | 1 | 3 | 9 | 0 | 9 | 1 | 3 | 11 | 3 |
| 10 | 1 | 5 | 6 | 0 | 10 | 1 | 5 | 8 | 6 |
| 11 | 1 | 7 | 3 | 0 | 11 | 1 | 7 | 5 | 9 |

| Qrs. In. long. | | | | | Qrs. In. long. | | | | |
|----------------|-----|-----|----|----|----------------|-----|-----|----|----|
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| | 0 | 5 | 3 | 0 | | 0 | 5 | 3 | 9 |
| | 0 | 10 | 6 | 0 | | 0 | 10 | 7 | 6 |
| | 1 | 3 | 9 | 0 | | 1 | 3 | 11 | 3 |

| Feet long. | 21 $\frac{1}{2}$ broad. | | | Feet long. | 21 $\frac{3}{4}$ broad. | | |
|------------|-------------------------|-----|-----|------------|-------------------------|-----|-----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 1 | 9 | 6 | 1 | 1 | 9 | 9 |
| 2 | 3 | 7 | 0 | 2 | 3 | 7 | 6 |
| 3 | 5 | 4 | 6 | 3 | 5 | 5 | 3 |
| 4 | 7 | 2 | 0 | 4 | 7 | 3 | 0 |
| 5 | 8 | 11 | 6 | 5 | 9 | 0 | 9 |
| 6 | 10 | 9 | 0 | 6 | 10 | 10 | 6 |
| 7 | 12 | 6 | 6 | 7 | 12 | 8 | 3 |
| 8 | 14 | 4 | 0 | 8 | 14 | 6 | 0 |
| 9 | 16 | 1 | 6 | 9 | 16 | 3 | 9 |
| 10 | 17 | 11 | 0 | 10 | 18 | 1 | 6 |
| 11 | 19 | 8 | 6 | 11 | 19 | 11 | 3 |
| 12 | 21 | 6 | 0 | 12 | 21 | 9 | 0 |
| 13 | 23 | 3 | 6 | 13 | 23 | 6 | 9 |
| 14 | 25 | 1 | 0 | 14 | 25 | 4 | 6 |
| 15 | 26 | 10 | 6 | 15 | 27 | 2 | 3 |
| 16 | 28 | 8 | 0 | 16 | 29 | 0 | 0 |
| 17 | 30 | 5 | 6 | 17 | 30 | 9 | 9 |
| 18 | 32 | 3 | 0 | 18 | 32 | 7 | 6 |
| 19 | 34 | 0 | 6 | 19 | 34 | 5 | 3 |
| 20 | 35 | 10 | 0 | 20 | 36 | 3 | 0 |
| 21 | 37 | 7 | 6 | 21 | 38 | 0 | 9 |
| 22 | 39 | 5 | 0 | 22 | 39 | 10 | 6 |
| 23 | 41 | 2 | 6 | 23 | 41 | 8 | 3 |
| 24 | 43 | 0 | 0 | 24 | 43 | 6 | 0 |

| Inches long. | | | | | Inches long. | | | | |
|--------------|-----|-----|-----|----|--------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 1 | 9 | 6 | 1 | 0 | 1 | 9 | 9 |
| 2 | 0 | 3 | 7 | 0 | 2 | 0 | 3 | 7 | 6 |
| 3 | 0 | 5 | 4 | 6 | 3 | 0 | 5 | 5 | 3 |
| 4 | 0 | 7 | 2 | 0 | 4 | 0 | 7 | 3 | 0 |
| 5 | 0 | 8 | 11 | 6 | 5 | 0 | 9 | 0 | 9 |
| 6 | 0 | 10 | 9 | 0 | 6 | 0 | 10 | 10 | 6 |
| 7 | 1 | 0 | 6 | 6 | 7 | 1 | 0 | 8 | 3 |
| 8 | 1 | 2 | 4 | 0 | 8 | 1 | 2 | 6 | 0 |
| 9 | 1 | 4 | 1 | 6 | 9 | 1 | 4 | 3 | 9 |
| 10 | 1 | 5 | 11 | 0 | 10 | 1 | 6 | 1 | 6 |
| 11 | 1 | 7 | 8 | 6 | 11 | 1 | 7 | 11 | 3 |

| Yds. In. long. | | | | | Yds. In. long. | | | | |
|----------------|-----|-----|----|----|---|-----|-----|----|----|
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| | 0 | 5 | 4 | 6 | $\frac{1}{4}$ $\frac{1}{2}$ $\frac{3}{4}$ | 0 | 5 | 5 | 3 |
| | 0 | 10 | 9 | 0 | | 0 | 10 | 10 | 6 |
| | 1 | 4 | 1 | 6 | | 1 | 4 | 3 | 0 |

| Feet long. | 22 In. broad. | | | Feet long. | 22 $\frac{1}{4}$ broad. | | | | |
|----------------|---------------|-----|-----|------------|-------------------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. | | |
| 1 | 1 | 10 | 0 | 1 | 1 | 10 | 3 | | |
| 2 | 3 | 8 | 0 | 2 | 3 | 8 | 6 | | |
| 3 | 5 | 6 | 0 | 3 | 5 | 6 | 9 | | |
| 4 | 7 | 4 | 0 | 4 | 7 | 5 | 0 | | |
| 5 | 9 | 2 | 0 | 5 | 9 | 3 | 3 | | |
| 6 | 11 | 0 | 0 | 6 | 11 | 1 | 6 | | |
| 7 | 12 | 10 | 0 | 7 | 12 | 11 | 9 | | |
| 8 | 14 | 8 | 0 | 8 | 14 | 10 | 0 | | |
| 9 | 16 | 6 | 0 | 9 | 16 | 8 | 3 | | |
| 10 | 18 | 4 | 0 | 10 | 18 | 6 | 6 | | |
| 11 | 20 | 2 | 0 | 11 | 20 | 4 | 9 | | |
| 12 | 22 | 0 | 0 | 12 | 22 | 3 | 0 | | |
| 13 | 23 | 10 | 0 | 13 | 24 | 1 | 3 | | |
| 14 | 25 | 8 | 0 | 14 | 25 | 11 | 6 | | |
| 15 | 27 | 6 | 0 | 15 | 27 | 9 | 9 | | |
| 16 | 29 | 4 | 0 | 16 | 29 | 8 | 0 | | |
| 17 | 31 | 2 | 0 | 17 | 31 | 6 | 3 | | |
| 18 | 33 | 0 | 0 | 18 | 33 | 4 | 6 | | |
| 19 | 34 | 10 | 0 | 19 | 35 | 2 | 9 | | |
| 20 | 36 | 8 | 0 | 20 | 37 | 1 | 0 | | |
| 21 | 38 | 6 | 0 | 21 | 38 | 11 | 3 | | |
| 22 | 40 | 4 | 0 | 22 | 40 | 9 | 6 | | |
| 23 | 42 | 2 | 0 | 23 | 42 | 7 | 9 | | |
| 24 | 44 | 0 | 0 | 24 | 44 | 6 | 0 | | |
| Inches long. | | | | | Inches long. | | | | |
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 1 | 10 | 0 | 1 | 0 | 1 | 10 | 3 |
| 2 | 0 | 3 | 8 | 0 | 2 | 0 | 3 | 8 | 6 |
| 3 | 0 | 5 | 6 | 0 | 3 | 0 | 5 | 6 | 9 |
| 4 | 0 | 7 | 4 | 0 | 4 | 0 | 7 | 5 | 0 |
| 5 | 0 | 9 | 2 | 0 | 5 | 0 | 9 | 3 | 3 |
| 6 | 0 | 11 | 0 | 0 | 6 | 0 | 11 | 1 | 6 |
| 7 | 1 | 0 | 10 | 0 | 7 | 1 | 0 | 11 | 9 |
| 8 | 1 | 2 | 8 | 0 | 8 | 1 | 2 | 10 | 0 |
| 9 | 1 | 4 | 6 | 0 | 9 | 1 | 4 | 8 | 3 |
| 10 | 1 | 6 | 4 | 0 | 10 | 1 | 6 | 6 | 6 |
| 11 | 1 | 8 | 2 | 0 | 11 | 1 | 8 | 4 | 9 |
| Qrs. In. long. | | | | | Qrs. In. long. | | | | |
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| | 0 | 5 | 6 | 0 | | 0 | 5 | 6 | 9 |
| | 0 | 11 | 0 | 0 | | 0 | 11 | 1 | 6 |
| | 1 | 4 | 6 | 0 | | 1 | 4 | 8 | 3 |

| <i>Feet long.</i> | 22 $\frac{1}{2}$ broad. | | |
|-------------------|-------------------------|-----|-----|
| | Ft. | In. | Pa. |
| 1 | 1 | 10 | 6 |
| 2 | 3 | 9 | 0 |
| 3 | 5 | 7 | 6 |
| 4 | 7 | 6 | 0 |
| 5 | 9 | 4 | 6 |
| 6 | 11 | 3 | 0 |
| 7 | 13 | 1 | 6 |
| 8 | 15 | 0 | 0 |
| 9 | 16 | 10 | 6 |
| 10 | 18 | 9 | 0 |
| 11 | 20 | 7 | 6 |
| 12 | 22 | 6 | 0 |
| 13 | 24 | 4 | 6 |
| 14 | 26 | 3 | 0 |
| 15 | 28 | 1 | 6 |
| 16 | 30 | 0 | 0 |
| 17 | 31 | 10 | 6 |
| 18 | 33 | 9 | 0 |
| 19 | 35 | 7 | 6 |
| 20 | 37 | 6 | 0 |
| 21 | 39 | 4 | 6 |
| 22 | 41 | 3 | 0 |
| 23 | 43 | 1 | 6 |
| 24 | 45 | 0 | 0 |

Inches long.

| | Ft. | In. | Pa. | S. |
|----|-----|-----|-----|----|
| 1 | 0 | 1 | 10 | 6 |
| 2 | 0 | 3 | 9 | 0 |
| 3 | 0 | 5 | 7 | 6 |
| 4 | 0 | 7 | 6 | 0 |
| 5 | 0 | 9 | 4 | 6 |
| 6 | 0 | 11 | 3 | 0 |
| 7 | 1 | 1 | 1 | 6 |
| 8 | 1 | 3 | 0 | 0 |
| 9 | 1 | 4 | 10 | 6 |
| 10 | 1 | 6 | 9 | 0 |
| 11 | 1 | 8 | 7 | 6 |

Qrs. In. long.

| | In. | Pa. | S. | T. |
|--|-----|-----|----|----|
| | 0 | 5 | 7 | 6 |
| | 0 | 11 | 3 | 0 |
| | 1 | 4 | 10 | 6 |

| <i>Feet long.</i> | 22 $\frac{3}{4}$ broad. | | |
|-------------------|-------------------------|-----|-----|
| | Ft. | In. | Pa. |
| 1 | 1 | 10 | 9 |
| 2 | 3 | 9 | 6 |
| 3 | 5 | 8 | 3 |
| 4 | 7 | 7 | 0 |
| 5 | 9 | 5 | 9 |
| 6 | 11 | 4 | 6 |
| 7 | 13 | 3 | 3 |
| 8 | 15 | 2 | 0 |
| 9 | 17 | 0 | 9 |
| 10 | 18 | 11 | 6 |
| 11 | 20 | 10 | 3 |
| 12 | 22 | 9 | 0 |
| 13 | 24 | 7 | 9 |
| 14 | 26 | 6 | 6 |
| 15 | 28 | 5 | 3 |
| 16 | 30 | 4 | 0 |
| 17 | 32 | 2 | 9 |
| 18 | 34 | 1 | 6 |
| 19 | 36 | 0 | 3 |
| 20 | 37 | 11 | 0 |
| 21 | 39 | 9 | 9 |
| 22 | 41 | 8 | 6 |
| 23 | 43 | 7 | 3 |
| 24 | 45 | 6 | 0 |

Inches long.

| | Ft. | In. | Pa. | S. |
|----|-----|-----|-----|----|
| 1 | 0 | 1 | 10 | 9 |
| 2 | 0 | 3 | 9 | 6 |
| 3 | 0 | 5 | 8 | 3 |
| 4 | 0 | 7 | 7 | 0 |
| 5 | 0 | 9 | 5 | 9 |
| 6 | 0 | 11 | 4 | 6 |
| 7 | 1 | 1 | 3 | 3 |
| 8 | 1 | 3 | 2 | 0 |
| 9 | 1 | 5 | 0 | 9 |
| 10 | 1 | 6 | 11 | 6 |
| 11 | 1 | 8 | 10 | 3 |

Qrs. In. long.

| | In. | Pa. | S. | T. |
|--|-----|-----|----|----|
| | 0 | 5 | 8 | 3 |
| | 0 | 11 | 4 | 6 |
| | 1 | 5 | 0 | 9 |

| Feet long. | 23 In. broad. | | | Feet long. | 23 $\frac{1}{4}$ broad. | | | | |
|----------------|---------------|-----|-----|------------|-------------------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. | | |
| 1 | 1 | 11 | 0 | 1 | 1 | 11 | 3 | | |
| 2 | 3 | 10 | 0 | 2 | 3 | 10 | 6 | | |
| 3 | 5 | 9 | 0 | 3 | 5 | 9 | 9 | | |
| 4 | 7 | 8 | 0 | 4 | 7 | 9 | 0 | | |
| 5 | 9 | 7 | 0 | 5 | 9 | 8 | 3 | | |
| 6 | 11 | 6 | 0 | 6 | 11 | 7 | 6 | | |
| 7 | 13 | 5 | 0 | 7 | 13 | 6 | 9 | | |
| 8 | 15 | 4 | 0 | 8 | 15 | 6 | 0 | | |
| 9 | 17 | 3 | 0 | 9 | 17 | 5 | 3 | | |
| 10 | 19 | 2 | 0 | 10 | 19 | 4 | 6 | | |
| 11 | 21 | 1 | 0 | 11 | 21 | 3 | 9 | | |
| 12 | 23 | 0 | 0 | 12 | 23 | 3 | 0 | | |
| 13 | 24 | 11 | 0 | 13 | 25 | 2 | 3 | | |
| 14 | 26 | 10 | 0 | 14 | 27 | 1 | 6 | | |
| 15 | 28 | 9 | 0 | 15 | 29 | 0 | 9 | | |
| 16 | 30 | 8 | 0 | 16 | 31 | 0 | 0 | | |
| 17 | 32 | 7 | 0 | 17 | 32 | 11 | 3 | | |
| 18 | 34 | 6 | 0 | 18 | 34 | 10 | 6 | | |
| 19 | 36 | 5 | 0 | 19 | 36 | 9 | 9 | | |
| 20 | 38 | 4 | 0 | 20 | 38 | 9 | 0 | | |
| 21 | 40 | 3 | 0 | 21 | 40 | 8 | 3 | | |
| 22 | 42 | 2 | 0 | 22 | 42 | 7 | 6 | | |
| 23 | 44 | 1 | 0 | 23 | 44 | 6 | 9 | | |
| 24 | 46 | 0 | 0 | 24 | 46 | 6 | 0 | | |
| Inches long. | | | | | Inches long. | | | | |
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 1 | 11 | 0 | 1 | 0 | 1 | 11 | 3 |
| 2 | 0 | 3 | 10 | 0 | 2 | 0 | 3 | 10 | 6 |
| 3 | 0 | 5 | 9 | 0 | 3 | 0 | 5 | 9 | 9 |
| 4 | 0 | 7 | 8 | 0 | 4 | 0 | 7 | 9 | 0 |
| 5 | 0 | 9 | 7 | 0 | 5 | 0 | 9 | 8 | 3 |
| 6 | 0 | 11 | 6 | 0 | 6 | 0 | 11 | 7 | 6 |
| 7 | 1 | 1 | 5 | 0 | 7 | 1 | 1 | 6 | 9 |
| 8 | 1 | 3 | 4 | 0 | 8 | 1 | 3 | 6 | 0 |
| 9 | 1 | 5 | 3 | 0 | 9 | 1 | 5 | 5 | 3 |
| 10 | 1 | 7 | 2 | 0 | 10 | 1 | 7 | 4 | 6 |
| 11 | 1 | 9 | 1 | 0 | 11 | 1 | 9 | 3 | 9 |
| Crs. In. long. | | | | | Crs. In. long. | | | | |
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| $\frac{1}{4}$ | 0 | 5 | 9 | 0 | $\frac{1}{4}$ | 0 | 5 | 9 | 9 |
| $\frac{1}{2}$ | 0 | 11 | 6 | 0 | $\frac{1}{2}$ | 0 | 11 | 7 | 6 |
| $\frac{3}{4}$ | 1 | 5 | 3 | 0 | $\frac{3}{4}$ | 1 | 5 | 5 | 3 |

| Feet long. | 23 $\frac{1}{2}$ broad. | | | Feet long. | 23 $\frac{3}{4}$ broad. | | |
|------------|-------------------------|-----|-----|------------|-------------------------|-----|-----|
| | Ft. | In. | Pa. | | Ft. | In. | Pa. |
| 1 | 1 | 11 | 6 | 1 | 1 | 11 | 9 |
| 2 | 3 | 11 | 0 | 2 | 3 | 11 | 6 |
| 3 | 5 | 10 | 6 | 3 | 5 | 11 | 3 |
| 4 | 7 | 10 | 0 | 4 | 7 | 11 | 0 |
| 5 | 9 | 9 | 6 | 5 | 9 | 10 | 9 |
| 6 | 11 | 9 | 0 | 6 | 11 | 10 | 6 |
| 7 | 13 | 8 | 6 | 7 | 13 | 10 | 3 |
| 8 | 15 | 8 | 0 | 8 | 15 | 10 | 0 |
| 9 | 17 | 7 | 6 | 9 | 17 | 9 | 9 |
| 10 | 19 | 7 | 0 | 10 | 19 | 9 | 6 |
| 11 | 21 | 6 | 6 | 11 | 21 | 9 | 3 |
| 12 | 23 | 6 | 0 | 12 | 23 | 9 | 0 |
| 13 | 25 | 5 | 6 | 13 | 25 | 8 | 9 |
| 14 | 27 | 5 | 0 | 14 | 27 | 8 | 6 |
| 15 | 29 | 4 | 6 | 15 | 29 | 8 | 3 |
| 16 | 31 | 4 | 0 | 16 | 31 | 8 | 0 |
| 17 | 33 | 3 | 6 | 17 | 33 | 7 | 9 |
| 18 | 35 | 3 | 0 | 18 | 35 | 7 | 6 |
| 19 | 37 | 2 | 6 | 19 | 37 | 7 | 3 |
| 20 | 39 | 2 | 0 | 20 | 39 | 7 | 0 |
| 21 | 41 | 1 | 6 | 21 | 41 | 6 | 9 |
| 22 | 43 | 1 | 0 | 22 | 43 | 6 | 6 |
| 23 | 45 | 0 | 6 | 23 | 45 | 6 | 3 |
| 24 | 47 | 0 | 0 | 24 | 47 | 6 | 0 |

| Inches long. | | | | | Inches long. | | | | |
|--------------|-----|-----|-----|----|--------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | S. | | Ft. | In. | Pa. | S. |
| 1 | 0 | 1 | 11 | 6 | 1 | 0 | 1 | 11 | 9 |
| 2 | 0 | 3 | 11 | 0 | 2 | 0 | 3 | 11 | 6 |
| 3 | 0 | 5 | 10 | 6 | 3 | 0 | 5 | 11 | 3 |
| 4 | 0 | 7 | 10 | 0 | 4 | 0 | 7 | 11 | 0 |
| 5 | 0 | 9 | 9 | 6 | 5 | 0 | 9 | 10 | 9 |
| 6 | 0 | 11 | 9 | 0 | 6 | 0 | 11 | 10 | 6 |
| 7 | 1 | 1 | 8 | 6 | 7 | 1 | 1 | 10 | 3 |
| 8 | 1 | 3 | 8 | 0 | 8 | 1 | 3 | 10 | 0 |
| 9 | 1 | 5 | 7 | 6 | 9 | 1 | 5 | 9 | 9 |
| 10 | 1 | 7 | 7 | 0 | 10 | 1 | 7 | 9 | 6 |
| 11 | 1 | 9 | 6 | 6 | 11 | 1 | 9 | 9 | 3 |

| Pys. In. long. | | | | | Pys. In. long. | | | | |
|----------------|-----|-----|----|----|----------------|-----|-----|----|----|
| | In. | Pa. | S. | T. | | In. | Pa. | S. | T. |
| | 0 | 5 | 10 | 6 | | 0 | 5 | 11 | 3 |
| | 0 | 11 | 9 | 0 | | 0 | 11 | 10 | 6 |
| | 1 | 5 | 7 | 6 | | 1 | 5 | 9 | 9 |

| Feet long. | 24 In. broad. | | |
|------------|---------------|-----|-----|
| | Ft. | In. | Pa. |
| 1 | 2 | 0 | 0 |
| 2 | 4 | 0 | 0 |
| 3 | 6 | 0 | 0 |
| 4 | 8 | 0 | 0 |
| 5 | 10 | 0 | 0 |
| 6 | 12 | 0 | 0 |
| 7 | 14 | 0 | 0 |
| 8 | 16 | 0 | 0 |
| 9 | 18 | 0 | 0 |
| 10 | 20 | 0 | 0 |
| 11 | 22 | 0 | 0 |
| 12 | 24 | 0 | 0 |
| 13 | 26 | 0 | 0 |
| 14 | 28 | 0 | 0 |
| 15 | 30 | 0 | 0 |
| 16 | 32 | 0 | 0 |
| 17 | 34 | 0 | 0 |
| 18 | 36 | 0 | 0 |
| 19 | 38 | 0 | 0 |
| 20 | 40 | 0 | 0 |
| 21 | 42 | 0 | 0 |
| 22 | 44 | 0 | 0 |
| 23 | 46 | 0 | 0 |
| 24 | 48 | 0 | 0 |

| Inches long. | | | | |
|--------------|-----|-----|-----|----|
| | Ft. | In. | Pa. | S. |
| 1 | 0 | 2 | 0 | 0 |
| 2 | 0 | 4 | 0 | 0 |
| 3 | 0 | 6 | 0 | 0 |
| 4 | 0 | 8 | 0 | 0 |
| 5 | 0 | 10 | 0 | 0 |
| 6 | 1 | 0 | 0 | 0 |
| 7 | 1 | 2 | 0 | 0 |
| 8 | 1 | 4 | 0 | 0 |
| 9 | 1 | 6 | 0 | 0 |
| 10 | 1 | 8 | 0 | 0 |
| 11 | 1 | 10 | 0 | 0 |

| Qrs. In. long. | | | | |
|----------------|-----|-----|----|----|
| | In. | Pa. | S. | T. |
| 1 | 0 | 6 | 0 | 0 |
| 1 | 1 | 0 | 0 | 0 |
| 1 | 1 | 6 | 0 | 0 |

OF THE
PRICES and WEIGHT
OF
NAILS.

AS I know of no Materials relating to building, in which so great *Abuses* and *Impositions* constantly occur, as in the Article of *Nails*; I shall be very particular in my Directions concerning them in Hopes of preventing such Practices for the future.

Nails are of many *Sorts*, and of several of those *Sorts* there are a great Variety.

N. B. *The Wholesale-Dealers in Nails, have found it necessary to distinguish them into GENERAL and SPECIAL: But first, of what they understand by General Nails.*

Under the *General Sorts* of *Nails*, they comprehend, 1. *Brads*; 2. *Hobbs*; and 3. *Nails*.

1. BRADS; viz. *Bill-Brads*, *Plain-Brads*, and *Gunner-Brads*.

2. HOBBS; viz. *Clasp-Hobbs*, *Dye-Hobbs*, *Rose-Hobbs*, *Skidder-Hobbs*, and *Thick-Hobbs*.

3. NAILS; viz. *Deck-Nails*, *Flat-Head-Nails*, *Flat-Point-Nails*, *Drawe-Nails*, *Lead-Nails*, *Rose-Nails*, *Scupper-Nails*, *Sharp-Nails*, *Middle-Nails*, *Square-Nails*, *Prigg-Nails*, *Spike-Nails*, and *Weight-Nails*.

N. B. *The above, which are known by the Name of General Nails, are sold by the Thousand, and including them all, the Price is from 8 d. to 12 s. per Thousand, and the Weight from 2 oz. $\frac{1}{4}$, to 40 lb. per Thousand.*

Note, *A Thousand of Nails is 1200, there being 120 to the Hundred.*

☞ If you would understand how to buy *Nails* of any of the above *Sorts* (for there are of several *Sizes* and *Prices* of each *Sort*) you must observe the following TABLE.

The U S E

Of the following

T A B L E.

Having the Price, to find the Weight.

EXAMPLE I.

If a Thousand of Rose-Nails cost 2 s. 3 d. how much ought they to weigh?

Look in the Table for 2 s. 3 d. the Price, and against it is 5 lb. 4 oz. and so much a *Thousand* of *Rose-Nails* (which cost 2 s. 3 d.) ought to weigh.

EXAMPLE II.

If a Thousand of Rose-Nails, cost 12 s. how much ought they to weigh?

Look in the Table for 12 s. the Price, and against it is 40 lb. and that is the Weight of a *Thousand* of *Rose-Nails*, which cost 12 s.

Having the Weight to find the Price.

EXAMPLE I.

What is the Price or Value of a Thousand of Sharp-Nails that weigh 2 lb. 8 oz?

Look in the Table for 2 lb. 8 oz. the Weight, and against it stands 1 s. 4 d. $\frac{1}{2}$, and that is the Price of a *Thousand* of *Sharp-Nails*, which weigh 2 lb. 8 oz.

EXAMPLE II.

What ought I to pay for a Thousand of Sharp-Nails, that weigh 36 lb?

Look in the Table for 36 lb. the Weight, and against it stands 11 s. and that is what I ought to pay for them.

And so you may find either the Weight or Value of any other of the General Sorts of Nails; and the same Method is to be observed for finding the Weight or Value of any of the Special Sorts of Nails.

The TABLE of the Prices and Weight of the GENERAL Sorts of Nails, viz. Brads, Hobbs, Nails.

1. BRADS; viz. Bill-Brads, Plain-Brads, and Gunner-Brads.

2. HOBBS; viz. Clasp-Hobbs, Dye-Hobbs, Rose-Hobbs, Skidder-Hobbs, and Thick-Hobbs.

3. NAILS; viz. Deck-Nails, Flat-head-Nails, Flat-point-Nails, Drawe-Nails, Lead-Nails, Rose-Nails, Scupper-Nails, Sharp-Nails, Middle-Nails, Square Nails, Prigg-Nails, Spike-Nails, and Weight-Nails.

| Price per Thousf. | | Should weigh per Thousf. | Price per Thousf. | | Should weigh per Thousf. |
|----------------------|------------------|--------------------------------|----------------------|------------------|--------------------------------|
| s. | d. | lb. oz. | s. | d. | lb. oz. |
| 0 | 7 $\frac{3}{4}$ | 0 2 $\frac{1}{4}$ | 2 | 8 | 6 8 |
| 0 | 8 | 0 5 | 2 | 8 $\frac{1}{2}$ | 6 12 |
| 0 | 8 $\frac{1}{4}$ | 0 6 | 2 | 9 | 7 0 |
| 0 | 9 | 0 8 | 2 | 10 $\frac{1}{2}$ | 7 8 |
| 0 | 9 $\frac{1}{4}$ | 0 9 | 3 | 0 | 8 0 |
| 0 | 9 $\frac{1}{2}$ | 0 10 | 3 | 3 | 9 0 |
| 0 | 10 $\frac{1}{2}$ | 0 14 | 3 | 7 | 10 0 |
| 0 | 10 $\frac{3}{4}$ | 0 15 | 3 | 10 | 11 0 |
| 0 | 11 | 1 0 | 4 | 1 | 12 0 |
| 1 | 0 $\frac{1}{2}$ | 1 6 | 4 | 6 | 13 0 |
| 1 | 1 | 1 8 | 4 | 9 | 14 0 |
| 1 | 1 $\frac{1}{2}$ | 1 12 | 5 | 0 | 15 0 |
| 1 | 2 | 1 14 | 5 | 3 | 16 0 |
| 1 | 2 $\frac{1}{2}$ | 2 0 | 5 | 6 | 17 0 |
| 1 | 4 $\frac{1}{2}$ | 2 8 | 5 | 10 | 18 0 |
| 1 | 6 | 2 12 | 6 | 2 | 19 0 |
| 1 | 6 $\frac{1}{2}$ | 2 14 | 6 | 5 | 20 0 |
| 1 | 7 | 3 0 | 6 | 8 | 21 0 |
| 1 | 8 $\frac{1}{2}$ | 3 8 | 6 | 10 | 22 0 |
| 1 | 9 $\frac{1}{2}$ | 3 12 | 7 | 3 | 23 0 |
| 1 | 10 | 4 0 | 7 | 6 | 24 0 |
| 1 | 11 | 4 4 | 8 | 2 | 26 0 |
| 2 | 0 | 4 8 | 8 | 10 | 28 0 |
| 2 | 1 | 4 12 | 9 | 2 | 30 0 |
| 2 | 2 $\frac{1}{2}$ | 5 0 | 9 | 6 | 32 0 |
| 2 | 3 | 5 4 | 11 | 0 | 36 0 |
| 2 | 4 | 5 8 | 12 | 0 | 40 0 |
| 2 | 6 | 6 0 | | | |

NAILS.

Flat-Pointed, Strong, or Draw'd.

| The Name. | Price per Ct. Wt. | The Name. | Price per Ct. Wt. |
|--------------|-------------------|--------------|-------------------|
| <i>s. d.</i> | <i>l. s. d.</i> | <i>s. d.</i> | <i>l. s. d.</i> |
| 2 0 | 1 11 0 | 4 0 | 1 9 0 |
| 2 6 | 1 10 0 | 5 0 | 1 9 0 |
| 3 4 | 1 9 0 | 6 0 | 1 9 0 |

WEIGHT-NAILS,

Are 28 *s.* per *Hundred Weight.*Here ends those Nails which are known by *GENERAL Sorts of Nails.*

*The TABLE of the Prices,
and Weight of the SPECIAL
Sorts of Nails.*

Batten-Brads.

| Price per Tbovf. | Should weigh per Tbovf. | Price per Tbovf. | Should weigh per Tbovf. |
|------------------|-------------------------|------------------|-------------------------|
| <i>s. d.</i> | <i>lb. oz.</i> | <i>s. d.</i> | <i>lb. oz.</i> |
| 0 8½ | 0 8 | 1 9 | 2 12 |
| 0 11 | 0 14 | 1 10 | 2 14 |
| 0 11½ | 1 0 | 1 11 | 3 0 |
| 1 3 | 1 12 | 2 4 | 4 0 |
| 1 3½ | 1 14 | 2 10 | 5 0 |
| 1 4 | 2 0 | | |

Clout-NAILS.

| Price per Tbovf. | Should weigh per Tbovf. |
|------------------|-------------------------|
| <i>s. d.</i> | <i>lb. oz.</i> |
| 2 1 | 4 8 |
| 2 10 | 7 0 |
| 3 2 | 8 0 |

Dogg-NAILS.

| Price per Tbovf. | Should weigh per Tbovf. |
|------------------|-------------------------|
| <i>s. d.</i> | <i>lb. oz.</i> |
| 3 9 | 9 0 |
| 4 9 | 12 0 |
| 6 0 | 16 0 |

Clout-BRADS.

| Price per Tbovf. | Should weigh per Tbovf. |
|------------------|-------------------------|
| <i>s. d.</i> | <i>lb. oz.</i> |
| 3 6 | 9 0 |

N. B. There are larger *Dogg-Nails* ;
viz.

From 20 lb. to 120 lb. per *Thousand*,
and are sold at 4d. per *Pound*.

Jobent-NAILS.

| Price per <i>Tbous.</i> | Should weigh per <i>Tbous.</i> |
|----------------------------|--------------------------------------|
| s. d. | lb. oz. |
| 0 10 $\frac{1}{2}$ | 0 14 |
| 0 11 $\frac{1}{4}$ | 1 0 |
| 1 2 $\frac{1}{2}$ | 1 14 |
| 1 3 | 2 0 |
| 1 7 | 3 0 |

*Round-Head-
NAILS.*

| Price per <i>Tbous.</i> | Should weigh per <i>Tbous.</i> |
|----------------------------|--------------------------------------|
| s. d. | lb. oz. |
| 0 11 $\frac{1}{2}$ | 0 13 |
| 1 0 $\frac{3}{4}$ | 1 0 |
| 1 3 | 1 10 |
| 1 4 $\frac{1}{2}$ | 2 0 |
| 1 11 | 3 4 |
| 2 9 | 5 0 |
| 3 3 | 7 0 |
| 4 4 | 10 0 |
| 5 6 | 13 0 |

Tenter-HOOKS.

| Price per <i>Tbous.</i> | Should weigh per <i>Tbous.</i> |
|----------------------------|--------------------------------------|
| s. d. | lb. oz. |
| 1 3 | 1 0 |
| 1 6 | 1 8 |
| 2 2 | 3 8 |
| 3 0 | 5 8 |
| 4 6 | 10 0 |
| 7 0 | 19 0 |
| 16 0 | 40 0 |

Glazier's SPRIGS.

| Price per <i>Tbous.</i> | Should weigh per <i>Tbous.</i> |
|----------------------------|--------------------------------------|
| s. d. | lb. oz. |
| 0 7 $\frac{1}{2}$ | 0 3 |
| 0 8 | 0 14 |
| 0 8 $\frac{3}{4}$ | 1 0 |

Pound-NAILS.

| The <i>Name.</i> | Price per <i>Ct. Wt.</i> | The <i>Name.</i> | Price per <i>Ct. Wt.</i> |
|---------------------|-----------------------------|---------------------|-----------------------------|
| lb. oz. | l. s. d. | lb. oz. | l. s. d. |
| 14 0 | 1 15 0 | 44 0 | 1 13 0 |
| 20 0 | 1 15 0 | 54 0 | 1 12 0 |
| 34 0 | 1 15 0 | | |

Cart-NAILS.

Are from 5 to 8 Inches long, and are sold
At 30s. per Hundred Weight.

Ribbing-NAILS

Are from 5 to 10 Inches long, and are sold
At 27 s. per Hundred Weight.

Timber-NAILS

Are from 6 to 16 Inches long, and are sold
At 30 s. per Hundred Weight.

Joiners-RIVETS.

Joiners-Rivets are sold by the *Pound-Weight*; viz.

Those of an Inch, at 4 d. $\frac{1}{2}$; those of
Inch and $\frac{1}{2}$, at 4 d. $\frac{1}{2}$; those of 2 Inch.
at 4 d. $\frac{1}{2}$; those of 3 Inches at 4 d.; and
those of 4 Inches at 4 d. per *Pound*.

WOOD-SCREWS.

Of *Wood-Screws*, there are 31 *Sizes*,
which are sold from 1 s. 6 d. to 36 s.
per *Gross*; viz.

At 1 s. 6 d.; at 1 s. 8 d.; at 2 s.; at
2 s. 3 d.; at 2 s. 6 d.; at 2 s. 8 d.; at 2 s.
10 d.; at 3 s. at 3 s. 2 d.; at 3 s. 6 d.; at
3 s. 9 d.; at 4 s.; at 4 s. 3 d.; at 4 s. 6 d.
at 5 s.; at 5 s. 6 d.; at 5 s. 9 d.; at 6 s.;
at 7 s.; at 9 s.; at 10 s.; at 12 s.; at 14 s.;
at 15 s.; at 18 s.; at 20 s.; at 22 s.; at
24 s.; at 28 s.; at 30 s.; and at 36 s.
per *Gross*.

T H E
P R I C E S
O F

Joiners Tools, &c.

Augers.

THERE are 12 Sizes of *Augers*, which are sold from 1*s.* to 4*s.* a piece; viz.

Those which are $\frac{1}{2}$ Inch at 1*s.*; $\frac{5}{8}$ Inch at 1*s.* 2*d.*; $\frac{3}{4}$ Inch at 1*s.* 3*d.*; $\frac{7}{8}$ Inch at 1*s.* 5*d.*; Inch at 1*s.* 6*d.*; Inch $\frac{1}{8}$ at 1*s.* 8*d.*; Inch $\frac{1}{4}$ at 2*s.*; Inch $\frac{3}{8}$ at 2*s.* 6*d.*; Inch $\frac{1}{2}$ at 2*s.* 8*d.*; Inch $\frac{5}{8}$ at 3*s.*; Inch $\frac{3}{4}$ at 3*s.* 6*d.*; and 2 Inches at 4*s.* a piece.

Hammers.

There are several Sorts of *Hammers*, but I shall only take Notice of those known by the Names of *Claw-Hammers*, *Welded Cheek-Hammers*, and *Lathing-Hammers*.

There are 7 Sorts of *Claw-Hammers*, which are sold from 2*s.* 8*d.* to 8*s.* per Dozen; viz.

At 2*s.* 8*d.*; at 3*s.* 6*d.*; at 4*s.*; at 4*s.* 6*d.*; at 5*s.* 6*d.*; at 7*s.*; and at 8*s.* per Dozen.

There are 4 Sorts of *Welded-Cheek Hammers*, which are sold from 11*s.* to 16*s.* 6*d.* per Dozen; viz.

At 11*s.*; at 12*s.*; at 14*s.*; and at 16*s.* 6*d.* per Dozen.

There are 4 Sorts of *Lathing-Hammers*, which are sold from 10*s.* to 15*s.* per Dozen; viz.

At 10*s.*; at 12*s.*; at 14*s.*; and at 15*s.* per Dozen.

Axes, Adzes, and Hatchets.

There are only 3 Sorts of *Axes*, which I shall take Notice of, viz. *Felling-Axes*, *House-Axes*, and *Lopping-Axes*.

There are 4 Sorts of *Felling-Axes*, which are sold from 1*s.* 5*d.* to 2*s.* a piece; viz.

N^o 1. at 1*s.* 5*d.*; N^o 2. at 1*s.* 6*d.*; N^o 3. at 1*s.* 10*d.*; and N^o 4. at 2*s.* a piece.

There are also 4 Sorts of *House-Axes*, which are sold from 2*s.* 6*d.* to 3*s.* 6*d.* a piece; viz.

At 2*s.* 6*d.*; at 3*s.*; at 3*s.* 3*d.*; and at 3*s.* 6*d.* a piece.

Likewise, there are 4 Sorts of *Lopping-Axes*, which are sold from 17*s.* to 24*s.* per Dozen: viz.

At 17*s.*; at 18*s.*; at 22*s.*; and at 24*s.* per Dozen.

There are 2 Sizes of *Adzes*; one at 20*d.*; and the other at 2*s.* a piece.

There are 2 Sizes of *Joiners-Hatchets*; the one is sold at 18*s.*; and the other at 20*s.* per Dozen.

Saws.

There are several Sorts of *Saws*, both of *Steel* and *Iron*; viz. *Compass Steel-Saws*, *Grafting-Saws*, *Hand and Pannell-Saws*, *Tennant-Saws*, *Two-Hand-Peg-Tooth-Saws*, *Whip-Steel-Saws*, *Rib-Steel-Saws*.

Compass-Steel-Saws, are sold by the Dozen; viz.

Those of 12 Inches at 8*s.*; and those of 15 Inches, at 10*s.* per Dozen.

Grafting-Saws, are also sold by the Dozen; viz.

Those of 10 Inches, at 9*s.*; 12 Inches, at 12*s.*; 14 Inches, at 14*s.*; 16 Inches, at 16*s.*; and 18 Inches, at 18*s.* per Dozen.

Hand and Pannell-Saws, are likewise sold by the Dozen; viz.

Those of 20 Inches, are at 22*s.*; 22 Inches, at 25*s.*; 24 Inches, at 28*s.*; and 26 Inches, at 30*s.* per Dozen.

Hand and Pannell-Saws (Extraordinary) *Hardened Plates*.

Those of 22 Inches, are sold at 4*s.* 6*d.*; 24 Inches at 5*s.*; and 26 Inches, at 5*s.* 6*d.* a piece; viz.

Tennant-Saws, *Harden'd-Plates* (Extraordinary) are sold at 55*s.* per Dozen.

Two-Hand-Peg-Tooth and *Whip-Steel-Saws*: Of these there are 13 different Sorts, which are sold from 6*s.* 6*d.* to 30*s.* a piece; viz.

Those of 3 Foot, at 6*s.* 6*d.*; 3 Foot $\frac{1}{2}$ at 7*s.* 6*d.*; 4 Foot, at 9*s.*; 4 Foot $\frac{1}{2}$ 10*s.*; 5 Foot, at 11*s.*; 5 Foot $\frac{1}{2}$, at 13*s.*; 6 Foot, at 15*s.*; 6 Foot $\frac{1}{2}$, at 16*s.*; 7 Foot at 17*s.*; 7 Foot $\frac{1}{2}$, at 20*s.*; 8 Foot, at 22*s.*; 8 Foot $\frac{1}{2}$, at 25*s.*; and 9 Foot, at 30*s.* a piece.

Rib-

Rib-Steel-Saws, are sold *singly*; viz.

Those of 5 Foot, at 8*s*; 5 Foot $\frac{1}{2}$, at 9*s*; and 6 Foot at 10*s*. a piece.

White's-Saws.

Hand-Saws, Whet and Set, are sold *singly*; viz.

Those of 22 Inches, at 6*s*; 24 Inches, at 6*s*. 6*d*; and 26 Inches, at 7*s*. a piece.

Pannel-Saws, made per *White*, Whet and Set, are sold at 6*s*. a piece.

Tennant-Saws, made per *White*, Whet and Set, are sold at 7*s*. a piece.

Whip-Saws, made per *White*, Whet and Set, with Tillers, and Set: Of these there are 7 Sizes, which are sold as follows; viz.

Those of 6 Foot, at 28*s*; 6 Foot $\frac{1}{2}$, at 32*s*; 7 Foot, at 34*s*; 7 Foot $\frac{1}{2}$, at 38*s*; 8 Foot, at 42*s*; 8 Foot $\frac{1}{2}$, at 44*s*; 9 Foot, at 50*s*.

Iron-Saws.

Iron-Hand-Saws are sold per the Dozen; viz.

Those of 17 Inches, at 8*s*; 18 Inches, at 9*s*; 19 Inches, at 10*s*; 20 Inches, at 12*s*; 22 Inches, at 13*s*; and 24 Inches, at 16*s*; per Dozen.

Iron-Two-Hand, *Peg-Tooth*, and *Whip-Saws*, are sold *singly*; viz.

Those of 3 Foot, at 3*s*; 3 Foot $\frac{1}{2}$, at 3*s*. 6*d*; 4 Foot, at 4*s*; 4 Foot $\frac{1}{2}$, at 4*s*. 6*d*; 5 Foot, at 5*s*; 5 Foot $\frac{1}{2}$, at 5*s*. 6*d*; 6 Foot, at 6*s*. 6*d*; 6 Foot $\frac{1}{2}$, at 7*s*; and 7 Foot, at 7*s*. 6*d*.

Hand-Saw-Screws, are sold at 6*s*. per Gross.

Hand-Saw Setts, are sold at 2*s*. per Dozen.

But the *very best*, are 3*s*. per Dozen.

Stone-Saws are sold at 35*s*. per Hundred Weight.

Chizels.

There are several Sorts of *Chizels*; viz. *Firmers* and *Gouges*, *Mortice-Chizels*, *Pairing-Chizels*, *Broad-Chizels*, *Heading-Chizels*, *Scribing-Chizels*, *Turning-Chizels* and *Socket Gouges*; all which are sold by the Dozen.

B b 2 :

Firmers

Firmers and Gouges shouldered, those of an *Inch* or under, at 20 *d* per *Dozen*; those from an *Inch* $\frac{1}{4}$ to an *Inch* and half, at 2 *s*. per *Dozen*; those from an *Inch* $\frac{3}{4}$ to *Two Inches*, at 2 *s*. 6 *d*. per *Dozen*.

N. B. Of these there are a longer Sort, which are 4 *s*. per *Dozen*.

Mortice-Chizels, at 4 *s*. 6 *d*. per *Dozen*.

Pairing-Chizels, at 7 *s*. per *Dozen*.

N. B. There are a better Sort of *Pairing-Chizels*, which are 8 *s*. per *Dozen*.

Broad-Chizels, are 7 *s*. per *Dozen*.

Heading-Chizels, those of $\frac{1}{2}$ *Inch*, are 4 *s*. per *Dozen*.

And those of $\frac{3}{4}$ *Inch*, and *Inch*, are 6 *s*. per *Dozen*.

Scribing-Chizels, are 5 *s*. per *Dozen*.

Turning-Chizels, and *Gouges*, are 5 *s*. 6 *d*. per *Dozen*.

Socket-Gouges, are 5 *s*. per *Dozen*.

Compasses.

Of these, there are 7 *Sizes*, which are sold from 20 *d*. to 3 *s*. 4 *d*. per *Doz.* viz.

At 20 *d*; at 2 *s*; at 2 *s*. 3 *d*; at 2 *s*. 6 *d*; at 2 *s*. 9 *d*; at 3 *s*; at 3 *s*. 4 *d*. per *Dozen*.

Compasses with *Steel Sweeps*, are of different *Sizes*, and are sold *Singly*; viz.

Those of 12 *Inches*, at 2 *s*. 6 *d*; 13 *Inches*, at 2 *s*. 9 *d*; 14 *Inches*, at 3 *s*; and 15 *Inches*, at 3 *s*. 6 *d*. per *Pair*.

Trowels.

Of these, there are the following *Sorts*; viz.

Brick-Trowels, at 10 *s*. per *Dozen*.

Setting-Trowels, at 9 *s*. per *Doz*.

Stopping-Trowels, at 8 *s*. per *Doz*.

Stone-Trowels, at 10 *s*. per *Doz.* and

Laying-Trowels, at 10 *s*. per *Doz*.

Jack, or *Hand-Screws* (Single).

Of these there are several *Sizes*, which are sold by the *Pair*; viz.

Those of $\frac{1}{2}$ *Inch*, at 16 *s*; those of $\frac{3}{4}$ *Inch*, at 25 *s*; those of $\frac{7}{8}$ *Inch*, at 26 *s*; those of an *Inch*, at 30 *s*; those of *Inch* $\frac{1}{8}$, at 31 *s*; those of *Inch* $\frac{1}{4}$, *Inch* $\frac{3}{8}$, and *Inch* $\frac{1}{2}$, at 40 *s*. a *Pair*.

Jack, or *Hand-Screws* (Double)

Are sold by the *Pair*; viz. those of *Inch* $\frac{1}{4}$, at 40 *s*; and those of *Inch* $\frac{1}{2}$, at 80 *s*. Bolts

Bolts.

There are several Sorts of *Bolts*; viz. *Balcony-Bolts*, *Spring-Bolts*, *Sash-Bolts*, and *Shutter-Bolts*.

Some Balcony-Bolts, are sold by the *Dozen*, and *some* by the *Pair*; there are 10 Sorts of those which are sold per *Doz.* viz.

At 6s; at 7s; at 9s; at 12s; at 15s; at 18s; at 22s; at 24s; at 26s; and at 28s. per *Dozen*.

Balcony-Bolts, sold by the *Pair*, of these there are 8 Sorts; viz.

At 3s; at 3s. 6d; at 4s. 6d; at 5s; at 5s. 6d; at 7s; at 9s; and at 12s. per *Pair*.

Spring-Bolts, and *Sash-Bolts*, are sold by the *Dozen*, and of these there are 15 Sorts; viz.

At 1s. 6d; at 1s. 10d; at 2s. 3d; at 2s. 4d; at 2s. 9d; at 3s. 6d; at 4s; at 4s. 6d; at 5s. 6d; at 6s. 6d; at 9s; at 12s; at 13s; at 15s. and at 18s. per *Dozen*.

Shutter-Bolts are sold per the *Dozen*; and of these there are 5 Sorts; viz.

At 10s; at 12s; at 14s; at 16s; and at 18s. per *Dozen*.

Latches.

Of these there are several Sorts; viz. *Long-Tinn'd-Latches*; *Varnish'd-Latches*; *Spring* and *Thumb-Latches*; with *Brass-Knob*; and *Rimmed-Latches*.

Long-Tinn'd-Latches, are sold by the *Doz.* and of these, there are 7 Sorts; viz.

At 2s. 3d; at 2s. 6d; at 3s; at 4s; at 4s. 6d; at 6s; and at 7s. per *Doz.*

Varnish'd-Latches, are sold by the *Doz.* and of these there are 5 Sorts; viz.

At 2s. 6d; at 3s; at 4s; at 6s; and at 8s. per *Doz.*

Spring and *Thumb-Latches*, are sold by the *Dozen*; and of these there are 9 Sorts; viz.

At 3s. 6d; at 4s; at 4s. 6d; at 5s. 6d; at 7s; at 8s; at 9s; at 12s; and at 14s. per *Dozen*.

Latches with *Brass-Knobs*, are sold by the *Dozen*; and of these there are 3 Sorts; viz.

At 14s; at 16s; and at 18s. per Doz.

Rimm'd-Latches: Of these there are sundry Sorts; viz. *Iron-Cased*, *Brass-Cased*, and some *Sliding-Cased*, and some *not-Cased*; these are sold *Singly*, and are from 1s. 10d; to 16s. a piece; viz.

At 1s. 10d; at 2s. 2d; at 2s. 4d; at 3s; at 3s. 6d; at 4s; at 4s. 6d; at 5s. 6d; at 6s. 6d; at 8s. 6d; at 9s; at 10s; at 12s; at 13s; and at 16s; a piece.

Hinges.

There being several Sorts and many Sizes of Hinges; the *Wholesale Smiths* and *Iron-mongers*, to avoid, as much as possible, too great a Multiplicity of Prices, have contrived to *Class* and consider several Sorts together, after such a Manner, that the Prices set down under each *Class* or *Sortment*, are applicable to the whole.

Black-Hinges, *Chest-Hinges*, *Chest-Hasps*, *Hooks and Hinges*, *Scuttle-Hinges*, *Strap-Hinges*.

The above Sorts are sold by the Doz. as follows; viz.

At 3s. 3d; at 4s. 3d; at 5s. 3d; at 6s. 3d; at 7s. 6d; at 8s. 6d; and at 10s. 6d. per Dozen.

Cross-Garnet-Hinges, with *rising-Joints*, are sold by the Dozen; and from 6s. 6d; to 15s. 6d; viz. at 6s. 6d; at 8s. 6d; at 10s. 6d; at 13s. 6d; and at 15s. 6d. per Dozen.

Cross-Garnet and *Scuttle-Hinges* that are *weighty*, are sold at 32s. 6d. per *Hundred Weight*.

But if more than 25 Pair to the *Hundred Wt.* then at 12d. per *Hundred* more.

Cross-Garnet-Hinges, with *filed-Joints*, are sold at 37s. 6d. per *Hundred Weight*.

Hinges with Hooks, are sold at 30s. per *Hundred Weight*. N. B. Sometimes they have *Stay-Hooks*, and then they are 2s. per *Hundred* more.

Holdfasts and *Wall-Hooks*, are sold at 33s. per *Hundred Weight*.

Ditto for *Joiners*, are sold at 4d. $\frac{1}{2}$ per *Pound*.

Hooks and Eyes for Gates, are sold at 3d. $\frac{1}{2}$ or 3d. $\frac{3}{4}$ per *Pound*.

The *Cheaper Sort* of Hinges, are *Lancashire Hinges*, *Balcony Hinges*, *Chest-Hinges*,

Hinges, *Dove-tailed-Hinges*, *Cross-Garnet-Hinges*, *Shutter-Hinges*, *Side-Hinges*, *Pew-Hinges*, *Box-Hinges*, and *Bed-Hinges*.

N. B. These Sorts are sold by the *Doz.* viz.

At 1s; at 1s. 2d; at 1s. 6d; at 2s. 6d; at 3s; at 4s; at 5s; at 8s; at 10s; at 12s; at 14s; at 16s; at 18s; at 20s; at 24s; and at 30s. per *Dozen*.

Smooth-Filed-Hinges, viz. *Balcony-Hinges*, *Box-Hinges*, *Chest-Hinges*, *Clock-Cafe-Hinges*, *Desk-Hinges*, *Pew-Hinges*, *Shutter-Hinges*, *Side-Hinges*, and *Tumblers*.

N. B. These Hinges are sold by the *Doz.* as follows; viz.

At 1s. 6d; at 1s. 8d; at 1s. 9d; at 2s; at 2s. 2d; at 2s. 6d; at 3s; at 3s. 6d; at 4s; at 4s. 6d; at 5s. 6d; at 7s; at 9s; at 10s; at 11s; at 14s; at 16s; at 20s; at 22s; at 24s; at 26s; at 30s; at 36s; and at 42s; per *Dozen*.

Some *Smooth-Filed-Hinges*, are sold by the *Pair*, and are from 4s. to 7s; viz.

At 4s; at 5s; at 5s. 6d; at 6s; and at 7s. a *Pair*.

The *best I-L Hinges*, are sold by the *Pair*, viz.

Those of 6 Inches, at 9d; 7 Inches, at 10d; 8 Inches, at 1s; 9 Inches, at 1s. 2d; 10 Inches, at 1s. 6d; 11 Inches, at 2s; and 12 Inches, at 2s. 9d. a *Pair*.

N. B. There are *larger Sizes*, which are sold at 10d. per *Pound*.

I-L Hinges, with *Rising Joints*, are sold by the *Pair*, as follows; viz.

Those of 7 Inches, at 1s. 2d; 8 Inches, at 1s. 6d; 9 Inches, at 1s. 9d; 10 Inches, at 2s. 2d; 11 Inches, at 3s; and 12 Inches at 4s. a *Pair*.

N. B. There are *larger Sizes*, which are sold at 10d. per *Pound*.

Pew-Hinges are sold by the *Dozen*, as follows; viz.

Those of 6 Inches, at 9s; 7 Inches, at 13s; 8 Inches, at 17s; 9 Inches, at 21s. and 10 Inches, at 26s. per *Doz.*

Shutter-Hinges are sold by the *Doz.* viz.

Those of 6 Inches, at 7s; 7 Inches, at 10s; 8 Inches, at 12s; and 9 Inches at 16s. per *Dozen*.

Side-Hinges are sold by the *Dozen*, as follows; *viz.*

5 Inches, at 4*s.* 6*d.*; 6 Inches, at 6*s.*;
7 Inches, at 8*s.*; 8 Inches, at 10*s.*; 9
Inches, at 12*s.*; and 10 Inches, at 13*s.*
per *Dozen*.

The *best-Dove-Tailed-Hinges*, are sold by the *Pair*, *viz.*

Those of 3 Inches, at 3*s.*; 3 Inches $\frac{1}{2}$,
at 4*s.*; 4 Inches, at 4*s.* 6*d.*; 4 Inches $\frac{1}{2}$,
at 5*s.*; and 5 Inches, at 6*s.* a *pair*.

Locks.

The different Sorts of *Locks* are almost innumerable, as it respects the *Making* and *Contriving* their *Wards* and *Guards*, &c. and a more particular Account than what I shall give of them, would, by the Generality of Readers, I presume, be thought superfluous; the *Locks* I shall exhibit the Prices of, are,

1. *Bastard-Banbury-Stock-Locks*.
2. *Livery-Stock-Locks*.
3. *Plate-Stock-Locks*.
4. *Plate-Closet-Locks*; *ditto* with *Screws*; *ditto* with *Single Springs*; *ditto* with *Double Springs*.
5. *Spring-Stock-Locks*; *twice Dead*; *Spring-Stock-Locks*; *twice Dead*, in *Suite*.
6. *Iron-Rimm'd-Locks*; *once Dead*; *twice Dead* and *Pull-Back*, with *Brass Knobs*; *One Bolt*, *Two Bolts*, and *Three Bolts*, *plain*, and *Wards bound*.
7. *Brass-Rimm'd-Locks*; *Closet*, with *Spindles*; *not Cas'd*; *Cas'd*, and *Sliding Case*.
8. *D Gate-Locks*, with *Two Wards*, *Three Wards*, *Steel-Wards*, *Slit-Key*, or *Letter-Key*.
9. *Hanging-Locks*; *Pad-Locks*; *Slit-Key'd-Locks*; *Bridg'd*, and *Secret-Pad-Locks*.
10. *Cabinet-Locks*; *Box-Locks*; *Cup-board-Locks*, and *Till-Locks*.
11. *Cabinet-Locks*; *Till-Locks*; *Screw-tore-Locks*; *Desk-Locks*; *Book-Case-Locks*, in *Suite*; *Five Locks*, and *one Key*.
12. *Inside-Locks*, for *Chests*, *Desks*, *Tills*, *Cupboard*, and *Boxes*; *viz.*
X Keys, X Wards, XX Wards, XX and
Bullet Wards; S. Bitted, &c.

13. *Outside-Locks* for Boxes, Chests, Trunks, and Ban Boxes.

14. *Very small X Ward, Cup-board, and Till-Locks.*

I shall begin with those which the *Wholesale-Dealers* prize distinctly; and it must be observed, (by such as would attain a true Notion of these Things) that as it was in the Case of *some Hinges*, so it is in the Case of *some Locks*; the *Wholesale Ironmongers* and *Smiths*, to avoid, as much as possible, too great a Multiplicity of Prices, have contrived to *Class*, or *Sort*, several Kinds of Locks together, so that the Prices set down shall be applicable to all the *Sorts* in each *Class*.

Bastard-Banbury-Stock-Locks, are sold by the *Dozen*; viz.

At 6s; at 7s, at 8s, and at 9s. per *Dozen*.

Livery-Stock-Locks, are sold from 6s. 6d. to 24s. per *Dozen*; viz.

At 6s. 6d; at 8s. 6d; at 9s. at 11s; at 14s; at 16s; at 20s; at 22s; and at 24s. per *Dozen*.

Plate-Stock-Locks, are sold from 8s. to 27s. per *Dozen*; viz.

At 8s; at 9s; at 11s; at 12s; at 14s; at 16s; at 20s; at 22s; at 24s; and at 27s. per *Dozen*.

Plate-Closet-Locks; of these, some are sold by the *Dozen*; some are sold *singly*, with *Screws*, some are sold *singly*, with *single Springs*, and some are sold *singly*, with *Double Springs*: Those sold by the *Dozen*, are from 11s. to 20s; viz.

At 11s; at 12s; at 14s; at 16s; and at 20s. per *Dozen*.

Those sold *singly* with *Screws*, are from 16d. to 3s. 6d. a *piece*; viz.

At 1s. 4d; at 1s. 8d; at 1s. 10d; at 2s. 2d; at 2s. 9d; and at 3s. 6d. a *piece*.

Those sold *singly*, with *single Springs*, are sold from 6s. 6d. to 9s. a *piece*; viz.

At 6s. 6d; at 7s; at 8s; and a 9s. a *piece*.

Those sold *singly* with *double Springs*, are sold from 12s. to 16s. a *piece*; viz.

At 12s; at 14s; and at 16s. a *piece*.

Spring-Stock-Locks, twice Dead, are sold

fold from 2s. 2d; to 9s. 6d. a piece; viz.

At 2s. 2d; at 2s. 4d; at 2s. 10d; at 3s. 6d; at 4s. 6d; at 5s. 6d; at 7s; at 8s; and at 9s. 6d. a piece.

Spring-Stock-Locks, twice Dead, in Suite, are from 11s. to 50s; viz.

At 11s; at 14s; at 16s; at 20s; at 22s; at 24s; at 26s; at 33s; at 40s, and at 50s. a piece.

Iron-Rimm'd-Locks, are of sundry Sorts, viz.

Once Dead, twice Dead, and Pull-Backs, with *Brass-Knobs*; *One Bolt*; *Two Bolts*, and *Three Bolts*; *Plain*, and *Wards bound*.

Brass-Rimm'd-Locks, Closet, with Spindles, not Cased, Cased, and Sliding-Cased.

N. B. *The above Locks, are of several Prices*; viz. from 11d. to 32s. a piece; viz.

At 11d; at 1s; at 1s. 2d; at 1s. 6d; at 1s. 7d; at 1s. 10d; at 2s. 2d; at 2s. 4d; at 2s. 6d; at 2s. 9d; at 3s. at 3s. 6d; at 4s. at 4s. 3d; at 4s. 6d; at 4s. 9d; at 5s. 6d; at 6s. at 6s. 6d; at 7s. 6d; at 8s; at 8s. 6d; at 9s. at 9s. 6d; at 10s; at 12s; at 13s; at 16s; at 18s; at 21s; at 24s; at 26s; and at 32s. a piece.

Besides those *Iron-Rimm'd-Locks*, and *Brass-Rimm'd-Locks* before-mentioned, there are also 26 Sorts, which are sold in Suite; viz.

At 14s; at 16s; at 19s; at 21s; at 24s; at 26s; at 28s; at 30s; at 33s; at 36s; at 38s; at 42s; at 48s; at 54s; at 60s; at 65s; at 68s; at 70s; at 76s; at 84s; at 90s; at 5l. at 5l. 10s. 0d; at 6l. 0s. 0d; at 6l. 10s. 0d; and at 7l. 0s. 0d. per Suite.

D *Gate-Locks*, if *Two Wards*, *Three Wards*, *Steel-Wards*, *Slit-Key*, or *Letter-Key*; are from 2s. 6d. to 14s. per Doz. viz.

At 2s. 6d; at 2s. 9d; at 3s; at 3s. 4d; at 3s. 6d; at 4s; at 4s. 6d; at 5s; at 7s; at 7s. 6d; at 8s; at 9s; at 11s; and at 14s. a Dozen.

Hanging-Locks, Pad-Locks, Slit-Key'd-Locks, are from 3s. 6d; to 16s. per Dozen; viz.

At

At 3s. 6d; at 4s; at 4s. 6d; at 5s. 6d; at 7s; at 8s; at 9s; at 10s. 6d; at 12s; at 14s; and at 16s. per Dozen.

Bridg'd and Secret Pad-Locks; some are from 9s. to 16s. per Dozen; viz.

At 9s; at 11s; at 14s; and at 16s. a Dozen.

Bridg'd, and Secret Pad-Locks, some are sold *singly*, and those are from 20d. to 5s. 6d. a piece; viz.

At 1s. 8d; at 1s. 10d; at 2s. 2d; at 2s. 6d; at 2s. 9d; at 3s. 6d; at 4s; and at 5s. 6d. a piece.

Cabinet-Locks, Box-Locks, Cupboard-Locks, Till-Locks (whether *in Suite, or not*) are from 3s. 6d. to 16s. per Doz. viz.

At 3s. 6d; at 3s. 8d; at 4s; at 4s. 6d; at 5s. 6d; at 7s; at 8s; at 10s; at 11s; at 14s; and at 16s. per Dozen.

Cabinet-Locks, Till-Locks, Escutore-Locks, in Suite, Five Locks and One Key, Desk-Locks, and Book Case-Locks, are from 2s. to 7s. a piece; viz.

At 2s; at 2s. 6d; at 3s; at 3s. 6d; at 4s; at 5s. 6d; and at 7s. a piece.

N. B. *There are some of Higher-Price but not of common Use.*

Of *Inside-Locks for Chests, Desks, Tills, Cupboards, and Boxes*; there are fundry Sorts; viz.

X Keys, X Wards, XX Wards, XX and Bullet-Wards, S Bitted-Spring, &c. And these are sold from 3s. 2d. to 36s. per Dozen; viz.

At 3s. 2d; at 3s. 6d; at 4s; at 4s. 4d; at 4s. 6d; at 4s. 8d; at 5s. 3d; at 5s. 6d; at 5s. 8d; at 7s; at 8s; at 9s; at 11s; at 12s; at 14s; at 16s; at 20s; at 22s; at 26s; at 28s; and at 36s. a Dozen.

Inside-Locks, not sold in Dozens, but single; viz.

At 2s. 2d; at 3s; at 3s. 6d; at 4s. 6d; at 5s; at 5s. 6d; at 7s; at 8s; and at 11s. a piece.

Out-side Box and Chest-Locks, sold by the Dozen, and are from 3s. 2d. to 19s. viz.

At

At 3s. 2d; at 3s. 6d; at 4s; at 4s. 6d; at 5s. 6d; at 7s; at 7s. 6d; at 8s; at 9s. 6d; at 11s; at 14s; at 16s; and at 19s. per Dozen.

Outside-Locks, for Trunks, and Ban-Boxes, are sold at 5s. 6d; Ditto plain Drill'd, at 7s; X Ward, at 8s; Raised, at 14s. per Dozen.

Ditto Small X Ward Cupboard and Till-Locks, are sold per Dozen; viz.

At 4s. 6d; and at 5s. per Dozen.

IRON WORK.

Done by the Pound-Weight, is

Casements for Windows, Cross-Win-
dow-Bars, filed, and Work of the like
Nature, at 4d $\frac{1}{2}$, per Pound.

Iron-Doors, and Shutters, at 10d. per
Pound.

All hammer'd-work, as Chimney-
Bars, Stays, Upright-Window-Bars, I-
ron-Fenders, Shutter-Bars, Pump-Work,
Bolts, Saddle-Bars, Cramps, Hold-fasts,
Wall-Hooks, Gudgeons, Hoops, and all
Black Work of the same Nature, at
3d. $\frac{1}{2}$, per Pound.

Pins, Hoops, Chains, Hooks, &c. to
stable Bails, at 4d. per Pound.

F I N I S.



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